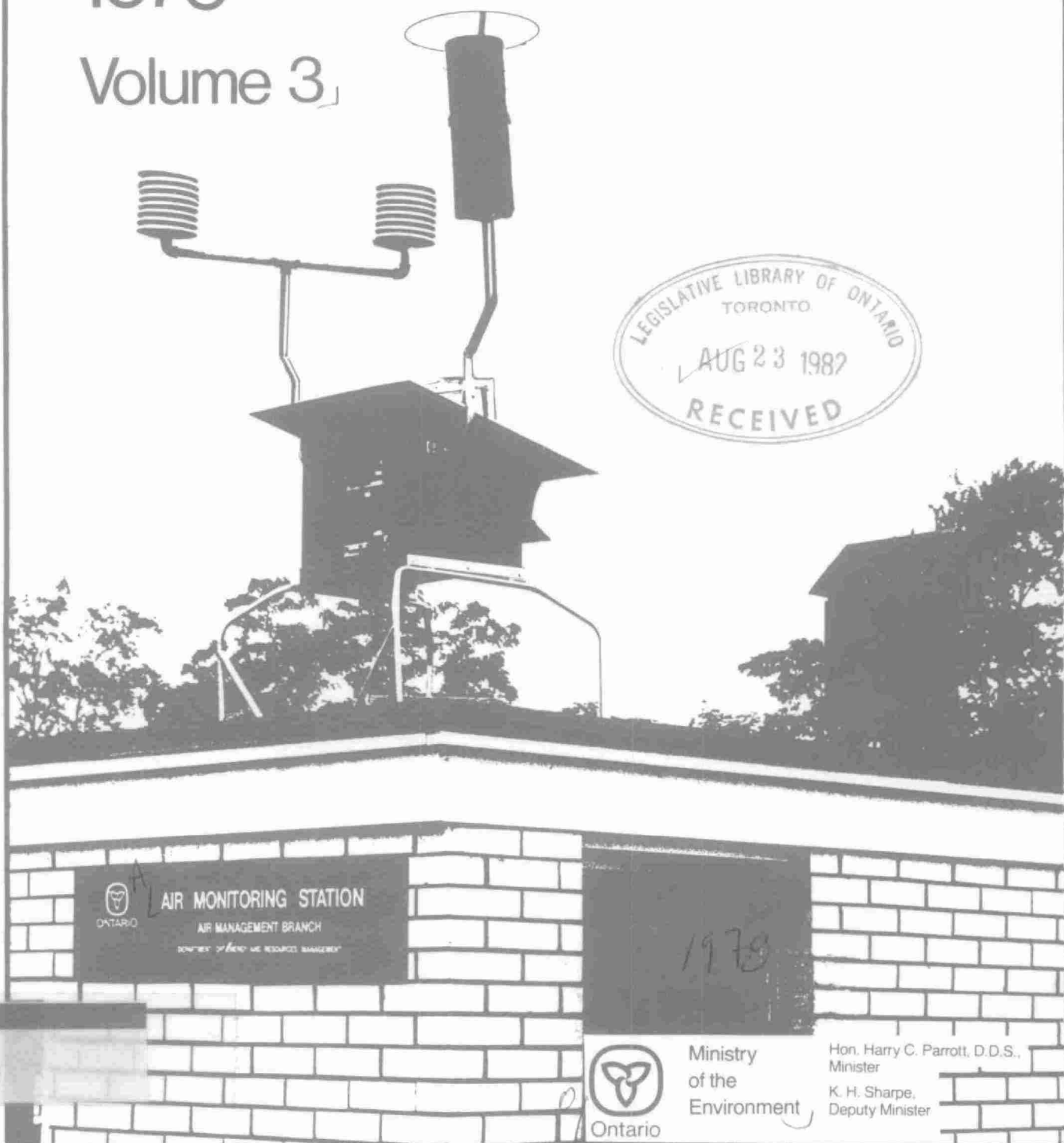


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# AIR QUALITY MONITORING REPORTS 1976

Volume 3



4706



Ministry  
of the  
Environment

Hon. Harry C. Parrott, D.D.S.,  
Minister  
K. H. Sharpe,  
Deputy Minister

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## VOLUME 3

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POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12002

CITY HALL 444 WINDSOR AVE WINDSOR

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	2	2	2	0	2	0	4	0	1
2	2	2	0	4	0	3	2	2	2	3	5	3	2
3	3	0	3	1	3	7	0	3	0	0	7	3	3
4	3	7	0	3	0	2	2	0	1	0	2	3	2
5	2	2	3	9	10	9	0	0	5	5	0	2	4
6	3	2	0	3	4	4	6	4	3	3	7	5	4
7	3	12	5	7	7	7	2	0	2	2	0	0	4
8	2	2	1	2	9	7	3	3	3	5	7	6	4
9	3	6	5	2	5	3	3	5	5	7	4	7	5
10	3	9	5	5	9	9	5	7	5	7	3	5	6
11	5	2	7	****	-	-	-	-	-	-	-	-	*****
12	-	-	-	-	-	-	-	****	4	3	2	2	*****
13	2	2	3	5	6	6	6	2	4	0	2	2	3
14	2	0	0	5	4	2	6	2	2	5	5	7	3
15	3	0	3	0	3	5	3	2	2	0	0	2	2
16	2	4	0	2	4	5	1	0	2	3	1	2	2
17	3	2	0	3	2	1	0	3	0	2	0	4	2
18	5	0	1	9	7	11	2	2	1	4	2	2	4
19	0	4	3	3	3	2	2	2	2	2	2	5	3
20	0	3	2	6	3	3	3	5	7	5	5	4	4
21	4	6	3	4	7	2	2	2	4	3	4	3	4
22	2	5	2	6	3	3	4	7	7	7	2	4	4
23	0	0	0	5	0	4	7	5	5	3	2	2	3
24	6	0	2	0	2	8	6	13	9	8	6	7	6
25	7	7	9	5	4	6	5	2	0	3	2	2	4
26	5	3	2	9	9	5	3	3	3	9	3	0	5
27	3	2	3	3	1	0	9	7	7	5	6	6	4
28	13	5	7	4	3	3	2	3	3	3	7	9	5
29	9	4	6	3	5	5	2	3	2	5	4	5	4
30	2	4	4	4	3	4	2	****	2	2	2	5	3
31	5	2	0	2	6	4	0	5	2	7	2	1	3
MEAN	3	3	3	4	4	5	3	3	3	4	3	4	3.5

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 4.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12002

CITY HALL 444 WINDSOR AVE WINDSOR

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	4	2	2	4	5	2	2	2	2	0	0	2
2	1	0	7	1	1	5	7	5	3	7	9	11	5
3	3	7	5	4	10	9	9	5	7	7	4	6	6
4	2	6	12	6	5	8	4	7	3	3	6	1	5
5	3	2	3	2	3	5	3	3	3	0	3	6	3
6	4	6	2	4	5	7	2	4	6	4	2	0	4
7	7	5	5	6	5	9	6	0	1	2	4	8	5
8	12	1	2	9	4	1	3	3	0	5	0	2	4
9	0	0	4	10	2	2	0	0	4	2	0	2	2
10	9	2	2	3	3	3	0	5	6	9	5	4	4
11	5	2	3	0	5	6	8	0	3	7	4	5	4
12	2	1	0	6	4	5	5	6	4	1	5	10	4
13	4	8	13	12	14	5	2	0	4	5	0	5	6
14	0	0	3	11	9	5	3	0	1	4	2	4	4
15	2	9	2	2	4	4	9	15	15	11	4	3	7
16	0	2	2	7	7	6	3	3	2	13	0	0	4
17	9	5	2	0	7	10	4	0	5	3	3	0	4
18	0	0	3	3	3	7	2	2	9	0	2	3	3
19	7	2	11	2	2	2	2	0	0	2	6	0	3
20	7	0	5	5	15	****	6	1	0	2	2	1	4
21	2	0	3	1	1	3	8	7	3	4	6	2	3
22	1	2	2	2	1	0	0	3	0	2	0	1	1
23	0	0	2	0	7	4	0	1	2	0	5	8	2
24	5	4	0	3	2	3	2	2	0	0	5	0	2
25	1	0	0	3	5	7	0	2	2	9	4	0	3
26	3	5	0	2	2	6	3	0	1	2	2	4	3
27	5	2	2	3	8	2	7	4	5	8	3	6	5
28	1	2	0	1	2	2	3	3	1	2	3	0	2
29	0	2	4	2	2	5	5	1	0	0	2	1	2
MEAN	3	3	3	4	5	5	4	3	3	4	3	3	3.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12002			CITY HALL 444 WINDSOR AVE			WINDSOR	MONTH - MAR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	1	3	2	5	9	0	3	3	2	3
2	1	0	0	2	4	1	5	3	2	2	2	3	2
3	4	1	1	5	2	11	19	19	28	18	9	4	10
4	0	2	1	2	2	1	5	4	4	4	5	3	3
5	0	1	2	2	2	0	3	2	2	1	0	4	2
6	0	0	0	0	6	2	0	2	6	3	5	5	2
7	1	0	3	1	1	2	0	2	2	3	1	0	1
8	3	1	0	0	2	3	4	4	0	2	0	1	2
9	2	2	0	5	6	2	0	0	5	1	1	2	2
10	2	4	3	6	8	5	2	0	1	2	1	2	3
11	0	0	0	1	4	4	0	4	5	3	0	1	2
12	2	0	1	0	***	4	3	4	3	3	3	3	2
13	1	6	0	3	0	2	3	0	2	9	1	0	2
14	2	2	0	0	4	5	0	6	3	0	0	9	3
15	0	4	0	2	0	3	2	0	0	0	0	2	1
16	0	1	0	2	3	2	0	3	0	3	2	0	1
17	3	0	0	0	0	0	5	0	7	3	9	2	2
18	3	9	5	2	2	0	3	10	7	7	5	2	5
19	2	3	7	4	0	5	2	5	5	3	5	0	3
20	0	4	6	5	0	5	2	3	3	0	3	3	3
21	0	6	7	2	3	0	3	2	0	2	0	2	2
22	2	0	1	11	3	3	0	0	2	0	2	1	2
23	3	8	3	11	3	2	1	0	0	3	5	0	3
24	2	0	1	1	5	0	4	***	2	8	2	0	2
25	0	23	4	5	3	0	3	0	7	1	5	8	5
26	0	0	2	7	8	0	2	5	2	5	2	3	3
27	0	5	5	3	2	4	0	4	0	3	0	2	2
28	0	4	0	2	0	0	6	0	2	4	0	3	2
29	0	3	0	3	0	6	5	2	3	7	3	6	3
30	7	0	4	7	5	3	6	6	7	0	5	3	4
31	0	3	2	0	2	5	1	4	2	3	4	0	2
MEAN	1	3	2	3	3	3	3	3	4	3	3	2	2.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12002			CITY HALL 444 WINDSOR AVE			WINDSOR	MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	4	0	3	0	0	3	0	2	4	2
2	6	2	0	0	5	2	5	7	2	0	0	3	3
3	11	3	0	5	4	0	3	0	1	4	5	2	3
4	0	0	0	0	2	6	0	0	4	0	0	3	1
5	0	0	0	3	2	0	4	2	8	2	0	3	2
6	5	3	2	7	4	4	2	5	0	0	0	5	3
7	3	9	8	5	7	2	3	0	0	2	0	2	3
8	1	0	0	4	0	2	9	0	0	3	0	3	2
9	2	0	2	2	2	0	7	0	11	0	2	5	3
10	3	2	13	2	2	5	0	5	4	0	7	2	4
11	0	2	0	3	1	0	0	2	0	0	0	3	1
12	2	6	3	5	***	-	-	-	-	-	-	-	*****
13	-	-	-	-	-	-	-	***	3	3	2	7	*****
14	2	7	7	9	4	7	5	3	3	2	2	3	5
15	0	0	3	3	5	2	7	2	2	2	3	3	3
16	0	2	0	0	5	3	7	3	0	5	0	3	2
17	3	5	2	5	0	0	4	3	3	0	3	5	3
18	2	1	2	5	3	0	5	1	1	5	5	2	3
19	2	0	0	7	0	2	2	0	3	0	0	3	2
20	3	0	3	0	2	2	2	3	2	5	0	2	2
21	0	3	3	2	3	5	5	0	3	3	0	0	2
22	0	2	0	3	3	5	0	2	2	5	0	0	2
23	2	2	0	2	5	7	2	3	2	0	3	3	3
24	2	2	2	0	3	0	0	2	0	3	0	3	1
25	2	0	3	0	0	3	0	0	3	0	0	3	1
26	3	0	3	0	0	2	2	2	0	2	0	2	1
27	0	0	0	3	2	0	0	3	0	4	0	***	1
28	-	-	-	-	-	-	- DATA UNAVAILABLE -				*****		1
29	-	-	-	-	-	2	3	0	4	2	5	0	*****
30	2	2	9	4	0	0	2	1	0	0	2	2	2
MEAN	2	2	2	3	2	2	3	2	2	2	1	3	2.3

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 8.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES								UNITS - 0.1 COMS/1000 FT					
STATION - SW NO 12002 CITY MALL 444 WINDSOR AVE WINDSOR								MONTH - MAY 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	5	5	2	2	2	0	0	2	7	2
2	5	5	3	0	0	0	0	5	3	5	2	0	2
3	2	2	0	0	1	3	2	0	0	3	3	0	1
4	2	4	6	8	0	1	0	2	1	0	0	0	2
5	3	2	0	0	3	3	6	5	7	3	0	3	3
6	3	0	0	0	3	0	2	3	7	0	3	2	2
7	0	0	7	0	0	0	2	2	3	2	3	5	2
8	2	0	2	0	2	0	0	2	3	3	3	2	2
9	2	0	1	3	3	1	0	3	5	3	2	0	2
10	3	7	3	3	0	3	3	2	2	3	0	3	3
11	2	5	3	0	****	-	-	-	-	-	-	-	*****
12	-	-	-	-	-	-	-	2	3	0	3	1	*****
13	5	5	13	2	2	2	3	3	3	3	7	3	4
14	2	5	3	0	8	1	5	0	12	5	5	7	4
15	2	0	3	7	2	3	0	0	5	2	3	0	2
16	2	0	1	0	1	2	1	2	5	7	1	3	2
17	2	0	3	7	8	1	3	4	7	3	3	0	3
18	2	3	3	0	2	5	0	1	0	7	5	0	2
19	0	0	2	5	0	2	2	2	0	5	7	9	3
20	3	7	13	9	5	5	3	5	2	2	3	3	5
21	3	5	0	7	2	18	3	0	2	2	0	3	4
22	5	1	11	4	0	3	3	5	2	3	0	0	3
23	0	2	3	1	0	0	3	2	4	2	7	1	2
24	1	1	3	2	5	0	0	0	0	0	3	7	2
25	3	3	5	3	1	0	2	2	2	2	0	7	3
26	1	3	3	7	2	0	2	3	2	5	0	4	3
27	9	7	15	18	11	5	2	***	0	0	0	1	6
28	0	0	3	5	5	3	5	5	0	5	8	5	4
29	0	3	3	3	0	9	0	5	5	3	0	0	3
30	1	2	0	2	10	10	0	4	0	0	4	7	3
31	2	2	3	5	1	5	3	4	2	2	6	2	3
MEAN	2	2	4	4	3	3	2	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES								UNITS - 0.1 COMS/1000 FT					
STATION - SW NO 12002 CITY MALL 444 WINDSOR AVE WINDSOR								MONTH - JUN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	6	2	0	8	2	0	2	0	0	4	2
2	6	0	2	5	0	2	0	0	1	0	0	4	2
3	3	2	0	2	5	0	2	0	2	2	5	1	2
4	2	1	5	2	11	2	0	3	7	0	5	2	3
5	5	1	7	4	2	2	0	0	3	2	5	2	3
6	5	2	5	8	2	0	0	6	2	2	11	13	5
7	9	3	5	7	3	2	0	2	0	0	2	11	4
8	2	1	4	5	7	3	0	2	4	0	7	2	3
9	2	6	2	11	8	2	3	2	5	3	0	2	4
10	7	2	9	11	5	6	-	0	2	0	9	5	5
11	2	11	8	9	2	3	3	4	2	2	0	3	4
12	8	6	2	4	3	0	0	0	2	2	0	0	2
13	0	0	2	5	4	5	0	2	0	1	4	3	2
14	2	1	0	1	2	2	4	2	0	1	2	5	2
15	5	3	6	6	7	6	1	***	0	0	2	3	4
16	1	2	0	0	0	1	7	6	2	2	0	4	2
17	9	9	4	3	1	0	5	5	4	1	5	0	4
18	3	0	3	3	0	0	9	8	4	0	3	7	3
19	2	4	0	2	3	2	2	2	7	0	0	4	2
20	3	2	2	1	3	3	6	0	0	3	0	1	2
21	6	2	0	6	2	0	2	0	6	1	1	2	2
22	1	5	5	1	6	2	***	5	3	1	3	2	3
23	0	2	7	8	2	0	2	2	6	5	4	6	4
24	2	1	0	1	1	2	4	0	2	0	5	5	2
25	5	2	6	10	3	0	0	7	2	0	2	5	4
26	5	7	8	5	1	5	0	0	0	1	3	9	4
27	2	1	4	5	4	4	3	0	0	5	7	2	3
28	1	0	2	2	10	5	1	4	0	13	0	3	3
29	7	0	9	12	5	5	2	5	2	3	0	0	4
30	2	3	1	0	0	0	1	2	0	0	0	0	1
MEAN	4	3	4	5	3	2	2	2	2	2	3	4	3.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002	CITY HALL 444 WINDSOR AVE	WINDSOR	MONTH - JUL 76											
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	0	0	0	3	6	1	6	2	2	5	2		
2	5	5	0	5	1	1	8	****	0	13	0	4		
3	4	15	9	8	5	2	0	3	0	2	0	4		
4	0	6	7	4	6	4	0	3	5	2	0	3		
5	1	3	4	9	7	2	0	0	4	7	0	3		
6	5	2	7	10	7	10	4	6	5	14	10	7		
7	9	7	5	6	15	8	0	5	12	7	16	9		
8	6	0	0	5	2	2	2	0	2	3	2	3		
9	1	0	0	9	1	5	1	4	4	0	6	3		
10	2	0	5	7	11	3	10	3	0	7	5	5		
11	3	2	6	0	3	2	2	3	2	0	2	2		
12	1	0	4	2	0	3	8	0	2	5	0	2		
13	3	0	5	7	0	7	2	5	0	2	7	1		
14	0	0	8	7	9	5	6	6	1	3	2	4		
15	6	6	7	9	5	9	7	8	0	4	0	6		
16	0	0	4	0	3	3	0	****	3	3	1	2		
17	6	6	3	2	2	0	3	0	0	3	6	0		
18	7	8	6	7	7	0	0	1	3	2	0	3		
19	4	4	12	6	9	5	0	4	2	2	0	4		
20	9	6	3	6	7	10	2	6	7	8	2	7		
21	4	3	1	5	8	0	8	2	2	2	0	3		
22	0	0	11	7	2	0	****	0	3	2	1	3		
23	0	2	4	5	8	4	4	3	5	2	2	4		
24	4	2	0	4	2	4	3	2	2	1	2	2		
25	2	3	1	0	2	2	2	2	2	0	5	2		
26	0	2	2	6	7	2	4	4	2	5	7	4		
27	11	5	3	9	5	7	0	3	4	3	2	5		
28	3	2	2	5	3	5	0	4	3	0	5	3		
29	3	2	3	5	5	2	3	2	2	4	0	3		
30	0	0	2	0	6	7	7	9	6	7	0	4		
31	3	5	11	2	4	0	2	0	1	2	0	3		
MEAN	3	3	4	5	5	4	3	3	3	4	3	3	3.6	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002	CITY HALL 444 WINDSOR AVE	WINDSOR	MONTH - AUG 76											
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	7	0	0	1	5	0	2	1	0	0	3	0	2	
2	3	0	1	4	5	3	2	2	0	0	2	0	2	
3	5	6	5	9	0	3	3	1	6	2	2	3	4	
4	5	8	14	11	8	4	3	2	0	3	5	4	6	
5	4	3	5	10	4	5	6	****	2	3	2	3	4	
6	0	1	2	0	3	2	3	0	0	2	1	2	1	
7	0	0	0	2	3	0	2	2	2	2	1	1	1	
8	3	2	3	1	2	1	1	0	0	3	7	2	2	
9	3	5	11	10	7	2	0	2	0	3	0	4	4	
10	8	6	11	16	5	3	1	0	2	0	1	4	4	
11	2	5	3	5	4	****	6	2	4	5	3	3	4	
12	5	6	3	3	5	5	4	0	4	5	2	2	4	
13	0	2	3	3	12	5	5	2	3	6	13	4	5	
14	3	2	2	2	0	1	2	1	4	2	3	0	2	
15	0	0	2	2	0	1	3	3	4	1	3	5	1	
16	1	2	5	13	5	0	2	4	2	1	3	5	4	
17	11	8	6	5	7	****	5	2	4	1	3	6	5	
18	7	5	5	21	13	4	3	3	3	3	3	3	6	
19	5	7	5	6	7	2	2	3	2	3	9	3	5	
20	1	2	13	16	20	6	5	3	4	5	3	3	7	
21	8	3	5	12	14	4	6	5	2	2	3	3	6	
22	2	8	7	8	5	2	3	3	1	1	4	3	4	
23	2	1	2	5	6	****	2	0	2	3	2	2	2	
24	2	2	5	3	5	5	0	2	3	0	5	5	3	
25	3	3	3	7	5	3	5	4	3	3	3	5	4	
26	5	8	8	11	15	3	9	5	5	3	3	2	6	
27	6	3	6	5	5	3	5	3	5	2	3	5	4	
28	3	3	3	8	6	3	3	0	3	0	3	3	3	
29	4	0	3	0	2	2	2	0	0	2	3	2	2	
30	2	2	3	2	3	2	2	5	0	4	2	2	2	
31	0	5	2	9	3	4	5	3	2	3	3	5	4	
MEAN	4	3	5	7	6	3	3	2	2	2	3	3	3.6	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - SW NO 12002 CITY MALL 444 WINDSOR AVE WINDSOR													MONTH - SEP 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	4	9	6	8	2	3	2	3	3	2	0	4	
2	2	4	0	3	5	0	2	1	3	0	0	0	2	
3	5	4	2	8	2	5	2	2	2	0	1	6	3	
4	3	3	6	9	3	4	0	2	0	2	1	0	3	
5							- DATA UNAVAILABLE -							
6	4	0	4	2	3	3	3	4	1	0	0	2	2	
7	2	5	5	6	12	5	0	3	0	6	0	3	4	
8	4	4	13	12	11	4	3	2	1	3	10	6	6	
9	4	9	7	11	11	6	8	4	2	1	2	0	5	
10	2	0	2	1	2	2	4	4	3	3	2	0	2	
11	4	0	5	0	2	4	0	2	2	3	5	4	3	
12	3	6	7	5	3	3	0	3	5	3	2	3	4	
13	2	4	3	9	7	5	6	3	2	6	0	6	4	
14	6	4	4	7	7	4	2	***	4	4	2	4	4	
15	5	6	2	7	2	4	2	3	2	3	0	5	3	
16	1	1	3	2	6	8	8	4	5	6	2	6	4	
17	2	4	3	7	2	2	3	2	3	2	2	2	3	
18	2	2	0	2	2	0	0	1	2	2	5	1	2	
19	4	6	2	4	5	2	4	2	3	2	2	4	3	
20	3	3	2	3	2	3	0	3	0	3	0	4	2	
21	1	0	2	9	8	2	4	3	0	0	0	0	2	
22	2	2	2	2	3	1	2	0	2	2	2	1	2	
23	0	2	2	5	4	4	2	***	2	0	3	2	2	
24	0	0	4	11	3	0	0	2	3	4	2	2	3	
25	7	7	5	11	2	3	6	0	2	3	3	3	4	
26	5	2	3	2	4	3	2	5	2	3	2	1	3	
27	5	5	2	5	3	7	3	4	2	1	1	2	3	
28	2	0	1	3	3	2	0	4	2	2	7	9	3	
29	4	10	12	7	7	3	0	2	0	5	5	5	5	
30	5	5	6	15	12	9	4	3	2	4	6	4	6	
MEAN	3	4	4	6	5	3	3	3	2	3	2	3	3.4	

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - SW NO 12002 CITY MALL 444 WINDSOR AVE WINDSOR													MONTH - OCT 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	5	1	0	4	4	3	3	2	2	2	5	3	
2	2	2	9	6	3	5	2	4	4	6	9	6	5	
3	9	11	8	4	4	1	1	3	3	2	6	3	5	
4	4	6	0	6	6	4	0	4	5	3	3	3	4	
5	2	2	2	2	4	****	-	-	-	-	-	-	*****	
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26	-	-	-	-	-	2	0	2	0	4	2	3	*****	
27	0	1	2	4	4	7	2	2	2	2	0	8	3	
28	5	2	4	6	2	2	2	2	2	3	5	4	3	
29	10	2	4	2	4	4	3	****	2	2	2	5	4	
30	3	2	7	3	2	5	8	5	2	2	0	2	3	
31	3	0	1	0	0	0	0	3	0	0	0	7	1	
MEAN	5	3	4	3	3	3	2	3	2	3	3	5	3.3	

PERCENTAGE OF DATA VALID - 32.0

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 67.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002				CITY HALL 444 WINDSOR AVE WINDSOR				MONTH - NOV 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	3	2	7	11	5	0	1	1	2	2	2	4
2	7	2	2	8	2	3	1	4	6	2	4	5	4
3	7	3	3	6	5	2	0	3	3	2	2	9	4
4	5	6	3	3	8	6	3	2	5	5	8	9	5
5	8	3	3	3	8	6	2	2	3	2	5	3	4
6	4	2	4	2	2	1	2	3	2	2	2	4	3
7	2	0	0	2	2	1	1	1	0	2	0	2	1
8	1	3	2	0	2	0	2	2	2	3	3	3	2
9	0	2	1	5	2	1	2	7	2	4	6	1	3
10	2	3	2	5	6	2	2	****	3	1	2	0	3
11	2	5	2	4	6	2	2	0	4	2	4	4	3
12	2	2	2	5	9	4	2	3	2	0	3	2	3
13	3	0	3	2	5	2	1	3	0	2	2	2	2
14	2	6	3	2	2	4	2	2	6	0	9	3	3
15	1	8	6	4	9	10	4	4	4	4	5	6	5
16	3	7	7	7	14	11	3	2	1	4	7	5	6
17	6	6	6	4	6	5	3	3	6	2	3	6	5
18	8	7	2	4	2	2	2	2	2	5	2	5	4
19	2	8	2	3	2	2	2	1	2	2	4	4	3
20	2	8	3	5	9	5	2	2	1	0	2	5	4
21	4	3	2	2	2	2	1	2	0	4	3	1	2
22	2	0	2	1	4	2	2	1	2	3	0	3	2
23	2	3	0	3	2	4	2	3	4	1	4	2	3
24	1	2	2	2	8	3	2	****	5	0	5	7	3
25	2	2	3	0	5	2	3	2	2	3	2	3	2
26	2	2	3	5	0	5	0	2	2	2	0	3	2
27	7	2	3	0	0	2	2	2	2	0	3	1	2
28	3	0	4	0	3	3	2	0	3	0	2	0	2
29	2	2	2	0	3	3	5	2	2	3	2	5	3
30	2	2	0	2	3	5	0	3	2	3	2	2	2
MEAN	3	3	3	3	5	4	2	2	3	2	3	4	3.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002			CITY HALL 444 WINDSOR AVE				WINDSOR		MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	2	7	3	3	5	5	2	3	4	2	4	
2	3	2	2	2	2	2	0	2	3	2	2	2	2	
3	4	5	2	6	4	2	2	0	3	5	0	3	3	
4	2	3	2	2	4	3	2	2	1	4	5	0	3	
5	2	4	2	2	8	3	2	3	5	2	2	2	3	
6	3	2	3	2	8	5	4	10	6	5	4	4	5	
7	2	4	2	0	2	2	0	2	5	2	2	2	2	
8	2	2	1	6	9	7	2	5	2	3	2	2	4	
9	3	5	2	5	2	6	3	0	6	2	1	2	3	
10	2	2	2	2	3	3	2	4	2	6	2	2	3	
11	3	0	3	3	3	2	0	2	3	3	2	3	2	
12	3	3	5	4	2	4	5	2	3	1	2	0	3	
13	0	0	3	2	2	2	2	2	2	3	2	0	2	
14	3	2	4	2	2	2	3	0	3	4	5	3	3	
15	6	3	4	5	5	9	6	4	5	6	5	2	5	
16	3	4	6	6	2	12	18	13	3	2	3	2	6	
17	0	0	5	3	3	0	3	3	2	1	1	2	2	
18	2	1	0	3	4	2	0	2	1	2	1	3	2	
19	6	3	5	4	0	5	3	4	5	4	3	3	4	
20	3	3	3	4	2	0	1	0	2	0	2	2	2	
21	0	2	2	2	1	2	0	3	2	2	0	6	2	
22	4	4	2	2	0	4	2	0	3	1	2	2	2	
23	3	0	2	5	2	2	3	0	0	0	3	4	2	
24	0	0	4	5	2	2	0	2	1	0	2	2	2	
25	2	1	2	2	3	3	2	2	2	3	1	0	2	
26	3	3	1	5	2	4	3	1	3	0	0	0	2	
27	0	2	2	5	4	0	0	2	0	2	0	1	2	
28	3	3	1	2	3	3	2	4	0	2	0	2	2	
29	0	3	0	3	2	3	2	0	2	0	0	2	2	
30	4	2	1	1	2	3	5	4	0	1	4	0	2	
31	0	2	5	0	4	3	0	2	0	2	2	2	2	
MEAN	2	2	3	3	3	3	3	3	2	2	2	2	2.6	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	3.5	8	13
FEB	29	3.6	7	15
MAR	31	2.8	10	28
APR	26	2.3	5	13
MAY	29	2.8	6	18
JUN	30	3.0	5	13
JUL	31	3.6	9	16
AUG	31	3.6	7	21
SEP	29	3.4	6	15
OCT	9	3.3	5	11
NOV	30	3.1	6	14
DEC	31	2.6	6	18
YEAR	335	3.1	10	28

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	240	110	4	0	0	0	0	354
FEB	233	101	13	0	0	0	0	347
MAR	293	69	3	3	2	0	0	370
APR	270	53	3	0	0	0	0	326
MAY	272	76	6	2	0	0	0	356
JUN	258	90	9	0	0	0	0	357
JUL	241	115	12	1	0	0	0	369
AUG	254	96	14	3	1	0	0	368
SEP	258	77	11	0	0	0	0	346
OCT	90	28	1	0	0	0	0	119
NOV	280	75	3	0	0	0	0	358
DEC	320	49	2	1	0	0	0	372
YEAR	3009	939	81	10	3	0	0	4042

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.0	0	0.0	1.2	2.0	3.4	6.3	8.0	10.4	12.1	28	3.1

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010				TECUMSEH SEWAGE STN MANNING RD				WINDSOR				MONTH - JAN 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	2	0	0	0	2	0	2	2	1	2	5	2		
2	0	0	5	1	3	0	3	4	0	3	4	3	2		
3	3	1	2	0	2	4	0	0	2	5	2	0	2		
4	1	4	3	0	0	4	1	5	2	4	6	4	3		
5	0	0	6	8	7	0	0	2	2	2	0	0	2		
6	0	2	0	0	2	0	0	-	-	-	-	-	*****		
7															
8															
9															
10															
11															
12	-	-	-	-	-	-	-	3	0	2	1	7	*****		
13	2	3	3	6	3	2	1	3	0	5	2	3	2		
14	0	5	3	3	3	2	5	2	0	3	0	2	3		
15	2	2	2	6	5	8	4	0	0	4	0	2	3		
16	3	3	1	7	0	0	3	0	3	4	0	4	3		
17	3	2	0	2	2	0	2	0	0	0	1	3	2		
18	0	3	0	5	4	3	2	2	2	0	3	3	1		
19	1	2	2	2	4	2	2	0	3	0	0	3	2		
20	2	3	4	3	3	0	4	0	1	0	2	0	2		
21	3	0	2	0	0	2	2	****	****	****	****	****	*****		
22	****	****	****	****	****	****	****	****	3	1	3	2	*****		
23	2	5	5	2	6	3	0	1	0	2	2	0	2		
24	3	0	2	4	1	1	5	6	4	4	3	1	3		
25	4	3	7	0	3	0	3	3	3	****	0	3	3		
26	0	2	3	0	1	2	0	4	3	4	0	2	2		
27	2	4	2	0	4	2	0	2	2	2	2	5	2		
28	0	0	2	0	2	0	0	0	4	0	7	0	1		
29	2	3	0	2	3	2	2	2	3	2	4	0	2		
30	2	0	0	2	2	0	2	0	7	0	2	0	1		
31	0	2	0	0	2	0	3	0	5	2	2	2	2		
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.0		

PERCENTAGE OF DATA VALID - 76.9

PERCENTAGE OF DATA INVALID - 7.0

PERCENTAGE OF DATA UNAVAILABLE - 16.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STAT. ON - SW NO 12010				TECUMSEH SEWAGE STN MANNING RD				WINDSOR		MONTH - FEB 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	0	0	0	0	0	0	0	3	3	0	1	
2	2	0	2	0	2	0	1	3	0	0	0	0	1	
3	6	2	1	4	0	0	2	0	0	3	0	0	1	
4	4	2	0	3	2	0	0	1	4	0	0	3	2	
5	1	2	7	0	2	2	3	0	5	0	2	2	2	
6	0	0	0	1	0	0	1	0	5	5	0	0	2	
7	0	2	0	0	0	2	0	0	5	3	0	5	1	
8	0	2	0	0	5	2	0	4	1	2	0	2	2	
9	0	2	2	0	2	2	0	0	0	0	0	0	1	
10	0	0	3	0	0	2	0	0	0	0	0	2	1	
11	5	4	0	2	5	3	****	-	-	-	-	-	*****	
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23	-	-	-	-	-	-	- DATA UNAVAILABLE -							
24	0	0	4	3	2	4	6	0	****	0	0	5	*****	
25	3	0	2	5	2	0	2	0	2	7	2	2	3	
26	5	2	4	4	2	5	8	0	0	8	1	4	2	
27	3	0	3	2	10	7	0	2	0	3	0	2	3	
28	0	0	0	4	2	6	3	3	4	6	0	3	3	
29	0	4	2	0	0	0	1	4	1	5	****	-	2	
MEAN	2	1	2	2	2	2	2	1	1	3	1	2	1.7	

PERCENTAGE OF DATA VALID - 57.2

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 42.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - SW NO 12010			TECUMSEH SEWAGE STN MANNING RD WINDSOR				MONTH - MAR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12									0	2	2	3	*****	
13	0	2	2	0	3	0	2	0	2	3	2	7	2	
14	0	5	2	1	0	0	3	2	6	0	4	0	2	
15	3	0	0	0	2	0	5	0	2	3	3	0	2	
16	5	2	0	0	2	3	0	2	4	1	0	3	2	
17	2	3	1	2	5	0	0	0	2	0	0	2	1	
18	0	3	2	0	0	0	2	2	7	2	2	0	2	
19	3	1	0	0	2	3	4	0	2	0	2	4	2	
20	2	2	0	4	1	5	7	5	0	2	0	3	3	
21	2	2	0	2	3	0	0	0	0	0	2	0	1	
22	0	0	0	3	0	0	2	1	2	8	2	0	2	
23	0	2	7	3	0	0	0	2	2	0	0	2	2	
24	0	0	0	0	0	0	0	2	4	3	0	0	1	
25	3	0	5	2	3	1	1	0	0	2	2	5	2	
26	2	3	0	0	2	4	2	2	0	2	0	3	2	
27	0	0	5	0	0	2	2	5	0	0	1	0	1	
28	2	0	0	2	0	0	0	3	0	5	0	4	1	
29	0	2	0	0	2	3	3	2	0	0	0	11	2	
30	2	0	2	0	0	0	7	2	2	0	0	5	2	
31	2	0	3	0	0	7	0	2	2	4	1	3	2	
MEAN	1	1	2	1	1	1	2	2	2	2	1	3	1.6	

PERCENTAGE OF DATA VALID - 62.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 37.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - SW NO 12010			TECUMSEH SEWAGE STN MANNING RD				WINDSOR		MONTH - APR 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	5	0	0	4	3	4	0	0	2	
2	0	2	4	6	0	0	3	2	5	0	3	0	2	
3	0	0	2	0	6	7	0	4	2	0	2	6	2	
4	0	0	1	5	0	2	2	2	1	2	3	2	2	
5	0	2	0	2	0	2	0	0	2	0	0	0	1	
6	8	0	2	2	4	2	0	2	2	2	0	2	2	
7	0	2	0	2	0	2	2	2	0	0	5	3	2	
8	2	3	0	3	0	3	0	2	0	2	0	7	2	
9	0	5	0	4	0	3	0	4	0	0	3	2	2	
10	0	0	0	0	0	3	0	3	0	2	3	0	1	
11	0	0	2	0	0	2	2	2	0	2	0	2	1	
12	0	0	0	0	2	2	0	1	0	2	2	5	1	
13	0	3	0	2	0	0	0	2	7	2	2	4	2	
14	5	5	3	7	2	7	3	2	7	5	7	3	5	
15	7	3	1	3	0	2	3	3	7	0	0	0	2	
16	2	0	2	3	5	2	3	0	0	2	2	3	2	
17	2	3	0	5	3	3	3	5	7	7	7	2	4	
18	0	3	9	2	0	0	0	0	2	0	2	0	2	
19	2	5	5	7	7	3	0	2	5	0	0	0	3	
20	2	0	0	0	1	1	0	3	0	2	0	2	1	
21	0	3	3	2	0	3	2	5	0	2	0	0	2	
22	0	0	0	3	1	5	1	2	2	3	0	0	1	
23	0	2	0	0	0	0	3	0	2	3	0	0	1	
24	0	2	0	3	3	2	3	2	1	2	0	2	2	
25	0	0	3	0	2	0	2	2	0	0	0	0	1	
26	0	0	0	0	0	0	1	0	0	2	0	0	0	
27	2	1	2	0	2	0	2	7	0	2	0	0	2	
28	2	0	0	2	0	2	0	2	3	2	0	10	2	
29	3	0	2	2	4	***	2	3	0	0	2	2	2	
30	7	5	9	5	5	9	0	2	5	5	3	7	5	
MEAN	1	2	2	2	2	2	1	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010	TECUMSEH SEWAGE STN	MANNING RD	WINDSOR	MONTH - MAY	76									
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	5	5	3	4	4	5	3	0	5	2	0	9	4	
2	2	6	2	3	2	2	2	3	0	1	2	4	2	
3	3	0	0	5	6	0	1	2	7	2	0	2	2	
4	3	4	3	11	3	6	5	2	2	5	3	1	4	
5	0	5	2	9	2	2	0	3	8	2	4	7	4	
6	0	6	0	2	6	2	0	3	0	3	0	5	2	
7	9	0	2	2	0	3	1	2	3	0	0	2	2	
8	6	0	2	0	0	3	0	3	2	0	7	0	2	
9	4	3	3	4	5	2	0	2	0	4	3	4	3	
10	2	4	2	0	5	1	0	6	0	6	4	3	3	
11	2	0	5	4	0	3	0	0	4	0	3	3	2	
12	0	2	2	3	4	3	0	9	2	0	2	4	2	
13	2	1	4	5	0	3	0	0	2	2	2	2	3	
14	3	2	9	0	3	2	3	0	0	3	2	3	2	
15	5	0	5	2	3	3	3	0	3	0	0	3	3	
16	0	0	3	3	0	0	0	4	3	0	0	5	2	
17	5	0	2	0	0	0	3	0	0	0	0	2	1	
18	2	0	0	0	0	0	0	0	2	4	0	3	1	
19	2	3	3	2	2	0	3	2	2	0	3	3	2	
20	0	8	1	2	3	0	3	0	1	3	0	2	2	
21	9	2	2	0	5	0	5	0	3	3	3	7	3	
22	2	0	0	0	5	0	0	3	2	3	0	0	1	
23	2	3	0	0	3	0	0	1	0	0	0	0	1	
24	1	1	0	0	2	2	5	3	3	2	1	0	2	
25	2	0	0	0	0	0	7	0	0	0	0	0	1	
26	1	2	2	2	0	3	7	0	2	7	0	2	2	
27	9	2	2	7	0	0	***	3	2	2	0	2	3	
28	0	5	0	0	6	0	3	0	2	0	0	9	2	
29	1	2	2	5	5	0	2	2	6	3	2	5	3	
30	2	0	0	2	4	2	3	8	4	2	3	2	3	
31	0	2	0	2	1	6	4	3	0	1	0	3	2	
MEAN	3	2	2	3	3	2	2	2	2	2	1	3	2.2	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010	TECUMSEH SEWAGE STN	MANNING RD	WINDSOR	MONTH - JUN	76									
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	3	3	4	0	1	0	2	1	5	2	2	
2	0	0	1	2	0	2	2	0	3	4	2	2	2	
3	3	5	2	3	3	0	2	0	2	2	0	2	2	
4	5	2	5	2	6	2	0	2	3	3	2	0	3	
5	2	0	2	0	0	3	0	3	1	2	3	2	4	
6	3	3	5	5	6	3	9	0	5	0	3	8	4	
7	5	5	10	5	9	3	5	5	3	2	2	1	5	
8	2	0	3	5	6	3	3	2	3	0	2	2	3	
9	2	2	2	2	3	5	0	2	0	2	0	0	2	
10	3	3	1	8	5	7	5	0	2	0	4	3	3	
11	5	0	2	7	6	7	0	0	3	8	2	2	4	
12	0	2	0	2	2	3	0	3	3	2	0	2	2	
13	4	4	2	1	0	1	5	5	2	4	1	2	3	
14	5	7	0	3	***	5	3	0	2	2	8	5	4	
15	2	2	2	2	0	5	5	2	0	2	0	2	2	
16	3	2	3	0	3	1	0	***	-	-	-	-	*****	
17														
18														
19														
20														
21														
22														
23	2	3	2	3	5	3	2	3	0	3	0	5	*****	
24	2	3	4	3	2	3	2	0	2	2	4	3	3	
25	2	5	5	4	2	3	0	0	3	0	4	5	3	
26	3	4	3	8	7	7	0	2	0	3	11	7	5	
27	7	2	3	5	2	0	3	4	1	0	0	7	3	
28	5	1	3	3	5	7	0	2	3	5	3	5	4	
29	9	3	7	5	9	5	0	3	2	0	2	2	4	
30	1	2	1	0	2	3	0	7	0	2	0	3	2	
MEAN	3	3	3	3	4	3	2	2	2	2	3	3	2.7	

PERCENTAGE OF DATA VALID - 79.7

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 19.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COMS/1000 FT			
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR										MONTH - JUL 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	5	0	0	1	7	3	0	2	2	2
2	11	7	5	3	0	2	***	-	0	0	0	3	3
3	2	4	7	3	0	2	2	2	1	0	3	0	2
4	0	2	2	0	0	3	0	2	3	0	0	2	1
5	5	0	0	3	2	0	0	2	0	2	5	3	2
6	0	5	4	9	8	4	0	0	2	2	6	3	4
7	5	2	7	3	9	9	5	3	0	5	2	3	4
8	3	1	2	0	0	0	0	5	5	0	1	5	2
9	0	2	2	2	6	2	0	4	3	7	2	4	3
10	1	2	2	2	7	2	3	0	3	0	5	0	2
11	0	0	2	4	2	2	6	0	3	0	0	3	2
12	0	1	3	2	6	0	0	0	0	3	0	3	2
13	2	3	2	0	0	3	0	2	0	3	3	9	2
14	0	5	7	9	7	3	2	3	***	0	2	3	4
15	0	3	4	3	0	3	0	2	3	2	4	5	2
16	11	5	0	4	1	0	2	0	0	3	2	3	3
17	2	3	3	3	0	2	2	2	2	3	3	8	3
18	0	3	0	7	0	1	2	4	0	3	7	5	3
19	5	3	5	3	7	3	0	2	2	0	7	4	3
20	2	9	5	3	4	3	6	2	5	2	2	0	4
21	7	7	0	3	0	0	0	3	0	3	0	3	2
22	2	0	5	3	0	2	3	0	0	0	0	3	1
23	5	5	5	3	3	6	0	0	2	0	2	6	3
24	0	0	0	2	3	5	0	0	0	0	0	2	1
25	2	2	0	0	3	0	0	3	0	0	0	2	1
26	5	0	0	2	***	3	2	0	0	2	3	7	2
27	3	5	2	2	3	5	3	4	3	0	0	2	3
28	0	3	0	2	2	13	3	7	2	3	0	5	3
29	2	0	0	2	7	2	2	3	0	6	0	0	2
30	3	1	0	0	0	3	5	***	0	7	0	2	2
31	4	0	2	5	4	0	3	0	0	2	0	0	2
MEAN	3	3	3	3	3	3	2	2	1	2	2	3	2.4

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COMS/1000 FT			
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR										MONTH - AUG 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	2	2	0	0	0	2	4	2	1
2	2	2	0	3	0	2	2	0	0	2	3	0	1
3	2	4	3	15	4	7	2	3	3	0	7	2	4
4	3	2	2	9	2	0	3	2	0	5	9	0	3
5	9	0	2	1	-	***	5	4	0	2	5	0	3
6	2	1	2	1	0	0	1	1	1	0	2	2	1
7	1	0	2	1	1	4	0	0	0	0	4	0	1
8	1	1	1	1	0	0	0	2	1	2	0	2	1
9	0	3	4	2	3	2	0	3	1	2	1	2	2
10	2	5	1	3	5	3	1	0	0	2	3	3	2
11	1	2	3	5	2	0	***	2	2	3	5	0	2
12	0	4	2	0	0	0	1	0	0	0	3	3	1
13	5	3	2	2	3	5	0	2	2	2	1	2	2
14	0	0	1	0	0	0	0	0	5	2	2	3	1
15	0	0	0	0	0	0	2	0	0	0	0	2	1
16	0	4	0	3	0	0	2	0	0	4	0	2	1
17	7	3	12	3	***	3	2	0	0	2	0	5	2
18	9	5	5	3	0	2	2	2	5	2	2	3	4
19	3	2	7	3	9	2	3	3	2	0	7	3	4
20	2	4	3	5	16	6	3	3	3	3	3	7	5
21	3	2	0	5	5	6	7	2	5	19	31	31	10
22	30	5	11	11	7	3	3	3	0	3	3	5	7
23	2	0	0	5	2	***	3	0	0	0	4	0	1
24	0	2	2	5	2	2	0	0	3	2	0	0	2
25	0	3	0	0	0	2	3	0	1	5	0	7	2
26	3	5	3	4	7	3	0	0	0	0	3	0	2
27	7	2	4	9	0	7	2	5	3	3	4	7	4
28	0	3	5	0	2	4	0	0	1	0	3	0	2
29	0	0	0	1	0	0	0	0	2	0	3	1	1
30	0	0	2	0	2	0	2	0	0	0	0	2	1
31	5	0	1	7	2	0	0	1	2	2	0	2	2
MEAN	3	2	3	3	3	2	2	1	1	2	4	3	2.5

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010				TECUMSEH SEWAGE STN MANNING RD				WINDSOR		MONTH - SEP 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	0	0	0	0	2	0	2	0	1	
2	-	-	-	-	-	3	0	0	1	3	0	0	*****	
3	2	1	0	2	0	2	2	0	0	0	1	3	1	
4	1	1	0	3	3	1	0	2	3	2	0	2	2	
5	2	0	2	1	2	2	0	0	1	0	0	2	1	
6	2	0	2	2	2	2	0	0	0	5	0	0	1	
7	0	2	1	2	1	0	1	2	2	1	3	0	1	
8	1	2	0	2	0	1	2	0	1	0	3	2	1	
9	1	0	4	4	0	2	1	0	1	0	2	0	1	
10	2	2	0	0	2	0	0	1	1	1	0	1	1	
11	2	2	3	0	2	1	0	2	0	1	2	0	1	
12	0	0	3	0	1	2	0	2	0	0	2	0	1	
13	3	0	0	1	0	0	0	1	2	2	0	0	1	
14	0	0	0	2	1	****	2	2	1	2	0	2	1	
15	0	0	1	0	0	0	2	0	1	0	0	0	0	
16	2	0	3	0	2	0	0	1	2	0	2	0	1	
17	2	2	0	5	1	0	****	0	2	0	1	0	1	
18	0	0	0	0	0	2	0	2	0	1	2	0	1	
19	0	0	2	1	1	2	2	2	0	2	0	1	1	
20	0	2	1	0	2	2	4	2	1	0	0	2	1	
21	0	1	0	3	2	0	0	0	0	1	1	2	1	
22	1	0	2	1	0	1	0	0	0	0	0	1	1	
23	1	0	2	0	2	2	0	3	0	0	1	1	1	
24	2	0	0	2	0	2	0	****	0	2	1	0	1	
25	0	0	2	0	0	2	0	0	0	1	2	0	1	
26	1	1	0	2	3	0	0	1	0	0	1	2	1	
27	0	1	1	0	1	0	0	0	1	0	0	2	1	
28	0	0	2	1	0	2	0	0	2	0	0	2	1	
29	1	0	2	3	1	0	2	1	2	2	0	2	1	
30	0	2	0	2	2	0	2	1	0	0	2	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010				TECUMSEH SEWAGE STN MANNING RD				WINDSOR				MONTH - OCT		76		
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN			
1	1	0	2	1	0	2	0	0	0	2	0	1				
2	0	0	0	0	0	0	***	-	0	0	0	0				
3	0	0	0	0	0	0	0	0	1	1	0	0				
4	0	0	2	1	1	2	0	2	0	0	0	0				
5	2	0	0	0	0	0	0	0	0	0	0	0				
6	0	0	2	0	2	0	0	0	0	0	0	0				
7	0	0	0	0	1	0	0	1	0	1	0	0				
8	0	2	0	0	0	0	0	0	0	0	0	0				
9	0	0	2	0	0	0	0	2	0	0	0	0				
10	0	0	2	1	0	0	0	0	0	0	0	0				
11	0	0	2	2	0	0	0	1	0	2	0	0				
12	2	0	1	0	0	0	0	0	0	0	0	0				
13	0	0	0	0	0	0	0	0	0	0	2	0				
14	0	0	2	0	0	0	0	0	0	0	0	0				
15	0	0	0	0	2	0	0	0	***	0	0	0				
16	2	0	0	0	0	***	0	0	0	0	2	0				
17	0	0	0	2	0	0	2	0	2	0	0	2				
18	0	0	0	0	0	0	0	0	0	0	6	0				
19	0	0	0	0	0	2	0	0	0	0	0	2				
20	0	3	0	2	0	2	0	0	***	-	-	-				
21							- DATA UNAVAILABLE -									
22							- DATA UNAVAILABLE -									
23							- DATA UNAVAILABLE -									
24							- DATA UNAVAILABLE -									
25							- DATA UNAVAILABLE -									
26							- DATA UNAVAILABLE -									
27							- DATA UNAVAILABLE -									
28							- DATA UNAVAILABLE -									
29							- DATA UNAVAILABLE -									
30							- DATA UNAVAILABLE -									
31							- DATA UNAVAILABLE -									
MEAN	0	0	1	0	0	0	0	0	0	0	1	0				0.4

PERCENTAGE OF DATA VALID - 62.4

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 36.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010

TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29	-	-	-	-	-	-	-	-	-	1	2	5	*****
30	0	1	2	3	0	5	0	2	2	7	4	5	3
MEAN	0	1	2	3	0	5	0	2	2	4	3	5	2.6

PERCENTAGE OF DATA VALID - 4.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 95.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010

TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	2	4	2	8	1	4	6	3	4	3
2	2	3	1	2	2	2	2	2	2	2	4	4	2
3	5	5	5	7	2	1	2	1	1	2	3	2	3
4	2	2	4	0	****	****	****	****	****	****	****	****	*****
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8	****	****	****	****	****	8	3	0	2	2	2	2	*****
9	3	3	4	3	6	2	2	3	4	0	4	5	3
10	2	1	4	1	4	1	3	1	2	5	3	1	2
11	0	3	1	1	4	2	****	0	4	6	3	5	3
12	3	3	2	2	3	3	7	4	2	1	3	0	3
13	2	0	5	1	2	3	2	3	2	4	0	1	2
14	0	4	3	3	2	3	2	1	3	3	2	1	2
15	4	0	2	7	7	15	4	5	7	7	5	6	6
16	3	2	4	2	3	4	5	11	14	2	6	2	5
17	1	4	1	2	1	4	1	4	1	0	2	2	2
18	3	0	0	1	7	3	****	4	4	3	2	2	3
19	4	2	3	5	5	6	8	2	6	5	5	2	4
20	2	7	0	4	2	2	4	4	1	0	3	2	3
21	2	0	2	5	3	2	1	0	1	2	2	2	2
22	2	0	2	3	2	1	2	2	2	4	5	3	2
23	1	2	0	3	1	1	1	1	3	2	0	2	1
24	2	2	1	4	3	1	2	5	2	3	2	2	2
25	0	3	2	3	2	4	2	6	4	2	4	4	3
26	1	2	2	5	2	2	2	2	0	4	1	0	2
27	3	0	0	3	4	2	3	1	5	0	0	4	2
28	3	1	4	4	2	5	7	4	0	0	2	1	3
29	2	1	2	3	3	2	1	2	4	0	3	5	2
30	3	3	2	1	1	3	2	4	4	3	0	4	3
31	0	0	2	3	7	2	1	2	1	3	2	1	2
MEAN	2	2	2	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 86.3

PERCENTAGE OF DATA INVALID - 26.6

PERCENTAGE OF DATA UNAVAILABLE --12.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010 - TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2.0	3	8
FEB	16	1.7	3	10
MAR	19	1.6	3	11
APR	30	1.9	5	10
MAY	31	2.2	4	11
JUN	23	2.7	5	11
JUL	31	2.4	4	13
AUG	31	2.5	10	31
SEP	29	1.0	2	5
OCT	20	0.4	1	6
NOV	1	2.6	3	7
DEC	26	2.7	6	15
YEAR	279	2.0	10	31

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010 - TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	258	28	0	0	0	0	0	286
FEB	175	24	0	0	0	0	0	199
MAR	211	20	1	0	0	0	0	232
APR	312	47	0	0	0	0	0	359
MAY	315	55	1	0	0	0	0	371
JUN	224	62	1	0	0	0	0	287
JUL	299	65	3	0	0	0	0	367
AUG	308	50	4	2	1	2	0	367
SEP	350	2	0	0	0	0	0	352
OCT	231	1	0	0	0	0	0	232
NOV	11	4	0	0	0	0	0	15
DEC	276	42	3	0	0	0	0	321
YEAR	2970	400	13	2	1	2	0	3388

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77.1	0	0.0	0.0	1.2	2.1	4.4	5.9	7.0	8.5	31	2.0



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - JAN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	1	0	0	0	1	2	5	0	1	1	1
2	0	0	2	2	0	8	4	0	5	2	5	8	3
3	8	0	0	3	1	2	0	3	3	0	1	2	2
4	6	3	5	4	5	3	3	0	1	1	2	3	3
5	10	7	6	7	15	12	4	0	3	5	4	5	7
6	2	2	0	3	5	3	****	0	2	2	9	8	3
7	2	10	7	13	4	0	4	5	7	0	****	****	5
8	2	2	11	11	33	17	54	6	17	11	3	14	15
9	11	13	3	3	3	3	0	6	5	2	2	3	5
10	8	5	0	7	2	3	4	4	3	2	3	3	4
11	17	5	0	5	0	0	0	2	6	3	****	****	4
12	4	7	5	3	8	4	3	5	2	0	3	5	4
13	0	****	****	3	3	0	0	11	2	17	****	****	5
14	0	0	3	3	3	7	2	0	2	5	5	5	3
15	0	6	11	8	2	1	0	0	0	0	****	****	3
16	4	3	3	0	4	3	2	1	11	6	0	3	3
17	7	3	0	0	7	7	5	7	7	0	****	2	4
18	1	4	13	5	9	6	13	19	3	9	9	6	8
19	14	16	9	5	2	2	7	11	5	0	2	2	6
20	6	2	0	3	0	2	0	0	5	****	****	****	2
21							- DATA INVALID -						
22							- DATA INVALID -						
23	0	****	0	13	0	9	11	5	8	4	2	****	5
24	5	7	5	7	10	5	0	3	3	5	7	4	5
25	4	0	5	7	2	3	5	3	5	****	****	2	4
26	5	11	5	2	4	3	3	2	9	0	2	2	4
27	2	3	3	5	3	2	3	11	0	****	0	11	4
28	0	0	2	5	4	9	7	9	5	0	0	3	4
29	2	2	0	6	2	0	5	0	****	****	2	5	2
30	2	2	0	0	0	3	0	****	5	5	3	9	3
31	2	10	7	7	7	4	4	4	2	4	2	5	5
MEAN	4	5	4	5	5	4	5	4	5	3	3	5	4.4

PERCENTAGE OF DATA VALID - 87.4

PERCENTAGE OF DATA INVALID - 20.2

PERCENTAGE OF DATA UNAVAILABLE - 7.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - FEB 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	2	5	3	13	31	7	9	23	26	23	12
2	19	7	7	9	11	5	0	5	5	11	11	7	8
3	0	0	3	1	0	7	0	0	7	3	0	3	2
4	0	0	0	0	1	0	2	****	****	****	****	****	*****
5							- DATA INVALID -						
6	0	4	0	7	3	2	3	13	7	0	4	2	4
7	19	3	0	5	2	6	7	4	2	8	2	4	5
8	0	0	0	3	3	0	2	2	5	3	9	4	3
9	2	7	5	2	3	2	0	2	0	7	3	8	3
10	3	2	3	11	7	9	11	2	2	1	2	2	5
11	7	2	2	0	3	7	12	4	9	0	0	0	4
12	4	11	2	1	3	6	4	5	4	3	5	2	4
13	4	4	21	19	11	2	1	1	2	2	0	0	6
14	0	3	2	7	11	3	0	0	4	2	0	7	3
15	5	3	2	0	7	2	2	2	0	7	11	0	3
16	2	5	3	11	7	2	3	3	0	0	2	6	4
17	2	13	0	2	0	5	5	2	2	5	2	3	3
18	3	0	0	7	4	0	3	3	2	5	6	0	3
19	3	9	9	19	15	5	4	2	2	0	5	7	7
20	8	3	0	11	18	15	0	3	3	3	5	2	6
21	3	4	0	3	0	8	8	13	2	5	0	0	4
22	0	0	3	3	0	2	0	0	0	0	2	3	1
23	0	3	0	5	3	22	4	3	8	2	8	5	5
24	5	7	18	11	9	19	13	15	2	2	15	5	10
25	3	2	5	7	9	17	7	9	4	2	11	11	7
26	3	11	5	9	19	16	13	7	2	3	5	8	8
27	8	8	11	17	****	-	-	-	-	-	-	-	*****
28	-	-	-	-	-	0	11	3	4	5	8	3	*****
29	21	3	2	0	1	5	0	1	1	1	2	3	3
MEAN	5	4	4	8	6	7	5	4	3	4	6	5	4.9

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 9.8

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013

FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	1	2	6	4	6	4	4	5	0	3	3
2	0	2	2	2	3	9	3	1	0	1	0	2	2
3	0	0	0	0	1	2	2	1	0	2	1	0	1
4	0	0	0	0	8	0	5	10	13	10	13	15	6
5	2	2	0	0	3	5	3	0	0	6	1	9	3
6	5	1	0	2	0	13	15	11	4	3	2	0	5
7	4	0	2	1	4	4	3	0	0	0	2	4	2
8	0	0	2	8	6	3	4	2	0	1	0	2	2
9	2	0	3	3	5	2	2	2	5	3	5	3	3
10	2	2	2	3	3	2	0	2	4	0	3	6	2
11	8	4	7	3	9	7	7	6	2	0	7	3	5
12	3	3	4	2	2	3	0	0	0	4	0	3	2
13	1	6	5	2	5	3	5	2	2	3	2	3	3
14	7	5	0	5	1	4	4	1	1	0	0	0	2
15	1	4	2	3	2	3	5	4	3	3	0	2	3
16	4	1	1	0	1	2	2	****	2	3	3	3	2
17	0	0	2	0	0	2	0	8	0	7	4	2	2
18	4	0	3	3	7	11	7	8	2	5	2	2	5
19	8	5	7	10	19	12	5	7	7	5	7	13	9
20	0	2	0	4	2	2	6	6	2	0	0	2	2
21	2	2	3	0	0	0	0	0	0	2	3	0	1
22	0	6	0	6	8	7	2	2	3	13	3	3	4
23	11	11	6	2	2	2	5	2	4	2	2	7	5
24	3	5	2	8	4	0	26	****	7	0	13	11	7
25	7	21	5	28	8	9	7	5	2	2	7	11	9
26	7	5	5	0	2	0	3	4	3	0	0	1	3
27	0	7	2	3	5	2	7	2	4	3	3	0	3
28	2	5	0	0	0	2	4	0	0	0	0	3	1
29	0	2	2	0	5	0	3	3	0	1	5	9	3
30	13	4	4	4	4	7	4	6	3	16	7	15	7
31	13	11	0	0	2	3	6	6	3	9	7	3	5
MEAN	4	4	2	3	4	4	5	4	3	4	3	5	3.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013

FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	7	4	23	4	3	3	7	3	4	0	5
2	2	2	3	2	5	2	0	2	3	2	3	3	2
3	6	2	3	4	3	6	0	0	3	5	3	3	3
4	0	0	3	0	0	0	0	2	4	2	1	4	1
5	4	2	11	16	5	7	2	11	5	3	3	6	6
6	11	6	7	5	7	2	5	0	5	0	0	0	4
7	4	11	11	9	4	7	0	2	2	1	3	3	5
8	2	0	2	2	0	4	3	0	0	0	0	1	1
9	3	2	3	4	3	3	4	4	2	3	0	8	3
10	3	3	13	17	11	11	4	5	5	7	13	0	8
11	0	0	0	0	3	0	2	0	2	2	2	2	1
12	2	0	2	11	2	11	2	9	3	5	4	4	5
13	0	3	7	11	11	5	10	9	5	5	1	2	6
14	7	11	17	15	11	11	3	0	0	2	3	7	7
15	7	0	7	17	5	7	0	2	5	5	3	0	5
16	0	4	2	0	3	7	0	0	0	7	0	3	2
17	3	0	3	3	0	2	2	3	2	2	0	3	2
18	5	5	1	3	3	0	5	0	3	3	0	3	3
19	5	7	5	9	7	7	15	11	0	3	2	0	6
20	2	2	7	0	3	3	2	2	0	3	3	0	2
21	3	0	2	7	9	5	2	4	4	7	2	0	4
22	2	5	15	13	6	11	13	9	11	2	0	2	7
23	2	3	5	0	3	0	10	2	0	0	3	0	2
24	0	0	4	3	0	0	3	2	0	0	0	3	1
25	1	0	0	5	7	3	3	0	3	7	3	0	3
26	4	0	0	2	3	0	0	0	4	0	3	0	1
27	2	3	2	2	3	5	0	3	0	4	1	2	2
28	0	3	3	4	7	3	5	9	3	0	13	0	4
29	0	0	5	3	2	4	****	0	0	2	4	8	3
30	2	5	11	8	7	0	4	0	3	9	0	4	4
MEAN	3	3	5	6	5	4	4	3	3	3	3	2	3.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12013				FILTRAT PLT 3685 WYANDOTTE ST E WINDSOR				MONTH - MAY 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	4	2	5	8	0	9	2	0	4	5	3	
2	0	3	7	5	0	2	3	3	3	7	9	9	4	
3	3	3	5	3	2	7	5	2	0	0	2	0	3	
4	5	4	11	9	9	9	5	7	7	5	5	3	7	
5	3	7	3	5	5	9	7	13	11	11	13	7	8	
6	0	5	0	2	0	3	2	0	5	3	2	2	2	
7	0	0	0	0	0	2	0	5	2	7	3	3	2	
8	5	0	7	3	5	0	1	2	1	5	5	9	4	
9	5	7	2	2	2	0	0	0	3	0	5	13	3	
10	7	5	13	13	13	9	5	5	4	2	9	2	7	
11	7	2	0	7	7	0	3	0	0	4	5	0	3	
12	5	6	8	2	2	1	2	2	3	4	4	7	4	
13	0	1	1	2	1	0	2	0	2	2	1	3	1	
14	1	3	1	3	5	0	1	4	4	1	1	1	2	
15	0	0	0	1	3	0	0	2	0	1	0	0	1	
16	0	0	0	0	1	2	2	0	1	0	0	0	1	
17	0	1	2	4	5	3	0	2	0	0	1	0	2	
18	0	0	0	0	2	0	2	0	2	2	1	1	1	
19	2	3	5	15	17	10	6	2	3	2	0	0	5	
20	0	0	2	2	0	-	-	-	-	-	-	-	*****	
21	-	-	-	0	0	0	2	2	2	0	2	1	1	
22	4	3	3	0	3	0	0	2	0	3	0	0	2	
23	0	2	3	0	2	2	0	0	0	2	2	5	2	
24	7	7	3	3	2	2	0	2	0	3	0	2	3	
25	0	0	5	0	3	5	0	2	0	5	0	2	2	
26	2	2	2	0	0	0	0	3	5	3	5	3	2	
27	9	9	15	3	2	3	2	***	0	2	3	3	5	
28	4	5	3	3	3	0	7	1	2	2	5	5	3	
29	3	3	2	3	5	0	2	3	3	0	1	3	2	
30	0	3	0	9	3	2	7	4	0	5	7	0	3	
31	0	0	2	3	3	9	2	3	1	5	3	2	3	
MEAN	2	3	4	3	4	3	2	3	2	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12013				FILTRAT PLT 3685 WYANDOTTE ST E WINDSOR				MONTH - JUN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	3	5	5	0	5	0	4	0	3	2	2
2	9	0	0	0	0	2	2	2	3	0	0	2	2
3	2	0	0	3	0	3	3	2	0	0	0	2	1
4	5	2	0	2	0	2	0	0	2	5	2	5	2
5	3	3	3	3	5	2	2	0	2	2	2	13	3
6	7	2	7	11	12	7	0	2	3	0	13	17	7
7	10	2	7	7	4	6	6	3	2	5	6	2	5
8	2	3	5	7	2	2	0	3	2	4	2	7	3
9	3	6	9	8	8	1	1	1	2	3	5	4	4
10	3	5	11	10	5	9	****	17	10	7	2	5	8
11	5	7	14	13	8	5	2	1	3	3	0	0	5
12	0	0	2	2	0	0	0	1	0	0	3	0	1
13	3	3	1	1	0	7	3	9	7	0	2	4	3
14	1	3	2	5	9	9	12	9	12	7	9	5	7
15	12	3	3	2	0	2	9	5	2	0	3	3	4
16	7	1	5	9	7	15	13	13	9	2	1	3	7
17	2	0	3	9	5	****	-	-	-	-	-	-	*****
18	-	-	-	-	-	-	-	-	4	3	2	3	*****
19	0	0	0	2	0	3	0	3	2	2	2	0	1
20	0	3	2	0	2	2	0	1	0	0	0	2	1
21	2	0	2	3	3	0	0	1	5	0	3	0	2
22	1	0	2	5	2	5	3	2	0	3	5	3	3
23	2	5	3	5	3	5	3	0	0	5	3	2	3
24	0	3	7	5	1	0	0	0	3	2	13	3	3
25	7	12	11	7	7	3	2	7	9	5	2	7	7
26	9	5	7	9	5	7	2	5	7	7	9	9	7
27	7	3	5	0	5	2	5	2	3	5	7	11	5
28	5	5	0	2	7	5	2	****	5	3	1	3	3
29	2	2	17	5	7	12	7	1	0	2	5	0	5
30	0	0	1	5	0	9	7	9	5	0	2	0	3
MEAN	4	3	5	5	4	4	3	4	4	3	4	4	3.8

PERCENTAGE OF DATA VALID - 95.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013

FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	0	2	2	2	0	2	0	0	9	2
2	7	7	0	3	3	0	0	2	2	2	0	0	1
3	3	0	2	0	0	2	0	0	0	0	3	0	2
4	2	2	2	0	1	0	0	0	3	0	3	0	1
5	0	5	0	7	2	2	0	0	0	3	2	2	1
6	0	5	3	9	12	5	3	19	7	9	13	15	8
7	3	9	3	5	0	9	3	5	0	0	5	4	4
8	0	5	0	0	0	2	2	2	0	3	3	3	2
9	0	2	0	1	2	0	0	0	3	3	0	2	1
10	3	5	7	3	7	7	12	2	5	0	3	0	5
11	2	0	2	5	0	2	2	0	2	0	0	3	2
12	0	3	2	0	0	3	0	1	0	2	3	0	1
13	3	0	2	0	2	0	3	2	3	0	12	14	3
14	13	0	14	****	-	-	-	-	-	-	-	-	*****
15	-	-	-	-	-	-	-	****	5	5	5	17	*****
16	9	0	2	3	0	3	2	0	3	0	2	0	2
17	5	0	2	2	4	4	3	0	3	0	7	7	3
18	9	9	9	8	2	0	11	0	0	3	0	3	5
19	8	3	9	15	17	13	7	0	2	11	2	0	7
20	5	2	5	7	13	3	3	0	7	7	5	11	6
21	13	0	0	1	0	1	0	4	7	5	0	2	3
22	0	3	0	4	9	3	2	5	3	9	2	0	3
23	3	0	0	5	17	3	11	7	7	2	2	0	3
24	3	3	5	4	0	2	0	7	7	2	0	0	5
25	3	0	0	4	0	0	0	0	3	2	2	0	2
26	1	3	6	6	****	0	2	2	0	5	2	0	1
27	5	0	8	5	8	2	3	0	5	5	4	9	4
28	2	3	0	1	0	3	0	2	0	5	5	2	4
29	0	0	3	5	3	3	0	0	5	4	3	2	2
30	5	5	0	5	3	7	****	9	0	3	0	2	4
31	1	5	7	3	3	0	0	2	0	2	0	0	2
MEAN	4	3	3	4	4	3	3	2	3	3	3	4	3.1

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 4.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013

FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	3	3	0	7	2	0	4	3	3	7	3
2	2	0	4	0	7	0	0	0	0	2	0	7	2
3	7	7	7	15	2	5	5	0	7	3	2	5	5
4	5	9	13	17	11	6	3	2	3	3	3	5	7
5	3	2	13	3	****	8	3	8	6	10	3	0	5
6	3	0	4	0	2	2	1	3	4	4	0	0	2
7	1	1	5	0	0	0	0	4	5	0	0	1	1
8	2	2	1	0	4	1	3	2	0	2	2	7	2
9	6	4	7	11	2	2	0	0	3	0	0	0	3
10	1	0	2	12	3	0	2	0	3	0	3	0	2
11	1	2	3	5	14	****	10	6	5	2	1	3	5
12	12	2	12	13	6	8	16	6	9	13	16	13	11
13	2	1	11	15	28	31	13	4	4	0	9	2	10
14	4	4	0	0	2	3	1	2	2	2	0	0	2
15	0	0	0	2	3	2	5	0	0	4	0	2	2
16	4	3	4	19	3	0	0	0	4	0	5	9	4
17	2	12	7	12	****	2	5	0	2	2	5	2	5
18	3	4	6	9	4	3	4	1	4	2	5	6	4
19	7	5	5	6	9	5	3	18	0	1	5	4	6
20	5	4	6	16	18	10	5	4	2	3	5	5	7
21	1	3	3	5	8	5	5	3	3	2	3	2	4
22	4	7	3	7	9	2	2	0	2	2	6	8	4
23	2	0	2	5	****	6	2	2	3	1	2	1	2
24	1	2	1	0	4	4	3	0	3	2	2	0	2
25	3	0	2	3	3	1	2	0	4	2	2	4	2
26	3	2	5	7	14	6	7	4	2	3	2	4	5
27	5	2	7	6	8	6	3	4	2	6	4	2	5
28	1	6	2	5	7	2	2	0	2	4	1	2	3
29	0	2	2	0	0	2	0	4	0	0	3	0	1
30	1	2	0	5	2	2	0	3	1	2	1	3	2
31	3	1	3	****	4	3	3	7	10	4	5	11	5
MEAN	3	3	5	7	6	4	4	3	3	3	3	4	3.9

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013				FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR				MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	4	6	15	5	****	5	3	1	0	0	2	4
2	0	0	2	4	0	0	0	0	0	2	1	1	1
3	2	2	1	6	5	3	3	2	1	3	1	3	3
4	4	2	4	7	6	3	0	4	1	0	0	2	3
5	0	0	5	1	0	3	0	0	0	2	0	0	1
6	2	0	0	4	2	0	2	2	2	0	5	0	2
7	3	9	10	17	16	7	2	2	2	3	9	6	7
8	11	9	13	20	10	2	3	0	2	2	4	9	7
9	10	3	4	6	21	9	3	6	2	0	2	2	6
10	2	0	3	2	3	0	2	2	3	2	3	3	2
11	3	3	2	3	1	1	1	1	2	0	5	0	2
12	5	2	11	4	2	5	1	0	1	3	1	3	3
13	2	6	6	6	4	13	6	3	1	3	0	5	5
14	4	6	3	9	5	6	****	2	0	2	2	8	4
15	8	4	0	3	1	2	2	2	0	2	2	2	2
16	2	0	4	3	3	2	3	5	2	2	0	0	2
17	2	2	0	2	3	4	0	3	1	2	1	0	2
18	0	1	0	2	3	0	1	2	3	0	3	4	2
19	0	3	2	6	4	2	2	3	1	1	2	3	2
20	3	4	1	0	3	0	2	2	0	2	0	2	2
21	1	2	2	12	7	5	7	2	1	2	0	2	4
22	2	1	3	3	****	0	4	4	3	7	2	3	3
23	3	1	1	15	9	3	3	0	4	2	2	2	4
24	0	2	1	8	3	2	4	3	6	0	7	1	3
25	3	8	3	6	5	5	2	1	3	2	4	3	4
26	3	2	0	8	3	5	0	3	2	2	2	0	3
27	2	0	5	2	4	1	3	2	2	2	1	2	2
28	2	4	0	2	6	5	3	9	1	9	7	7	5
29	7	4	9	17	10	8	3	4	2	2	5	7	7
30	3	6	7	19	15	6	4	2	2	6	10	7	7
MEAN	3	3	4	7	5	4	2	2	2	2	3	3	3.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013				FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR					MONTH - OCT 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	3	3	12	12	6	6	4	3	6	3	3	6	
2	6	3	3	4	2	2	2	1	2	4	3	8	3	
3	13	11	4	6	2	3	2	4	4	2	4	5	5	
4	2	0	2	5	3	2	2	2	2	2	3	0	2	
5	2	0	1	2	0	2	0	0	0	0	3	3	1	
6	6	0	1	0	0	2	4	***	0	1	2	1	2	
7	0	0	0	7	3	3	0	1	0	0	3	0	1	
8	2	1	0	2	6	5	0	4	0	0	2	3	2	
9	1	0	0	1	0	2	0	0	1	3	0	0	1	
10	1	2	4	2	5	1	2	1	2	2	0	0	2	
11	2	0	2	1	2	0	0	5	0	2	3	3	2	
12	2	3	3	3	5	0	6	1	3	2	2	4	3	
13	11	9	3	8	20	9	2	***	0	2	0	0	6	
14	2	0	2	2	2	0	0	2	2	4	2	1	2	
15	6	6	14	15	2	5	2	5	2	1	5	1	5	
16	4	0	2	1	0	3	0	3	0	5	0	0	2	
17	0	3	0	2	0	0	2	0	0	4	3	1	1	
18	5	5	4	5	3	3	0	1	2	0	2	0	3	
19	3	5	2	0	0	2	3	2	4	3	5	4	3	
20	2	4	3	1	3	2	2	1	2	0	7	4	3	
21	2	8	11	15	16	8	6	3	5	2	13	3	8	
22	2	2	8	7	9	0	0	2	2	7	9	8	5	
23	9	13	10	9	9	3	4	2	2	3	4	1	6	
24	2	2	4	4	3	0	3	3	0	5	2	2	3	
25	2	6	2	2	3	0	4	***	***	3	0	0	2	
26	2	2	2	2	2	0	0	1	0	2	0	3	1	
27	1	5	5	0	2	2	2	3	2	7	15	11	5	
28	17	21	21	10	11	11	11	12	12	12	6	13	13	
29	15	20	17	5	3	***	5	5	6	5	3	0	8	
30	2	2	6	3	7	4	3	4	3	2	2	0	3	
31	5	0	0	3	1	2	2	2	3	6	3	6	3	
MEAN	4	4	4	4	4	3	2	3	2	3	4	3	3.5	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013				FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR				MONTH - NOV 76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	9	12	3	2	2	5	7	2	6	4	2			
2	3	6	3	5	2	6	10	13	7	19	18	11			
3	9	16	9	2	1	2	0	3	5	11	7	7			
4	2	6	7	4	2	2	3	5	5	6	2	7			
5	3	5	3	2	3	0	2	3	2	2	6	1			
6	0	2	1	4	0	3	2	2	2	2	3	2			
7	4	6	0	****	****	****	5	3	2	1	2	2			
8	2	2	4	4	0	3	0	2	4	3	3	0			
9	2	2	2	3	9	11	5	13	12	2	0	0			
10	2	2	11	2	****	****	0	3	4	2	3	1			
11	3	3	3	4	2	3	5	2	2	1	0	2			
12	5	1	4	6	12	4	2	1	3	4	2	3			
13	2	2	2	3	2	2	0	1	2	2	4	2			
14	5	3	7	5	9	5	5	5	3	8	8	2			
15	6	6	8	8	11	17	8	3	2	2	2	4			
16	2	12	8	7	18	19	8	11	14	3	10	6	1		
17	9	3	14	10	12	7	7	9	12	7	10	17	1		
18	13	16	4	3	3	5	10	4	6	3	11	16			
19	8	7	7	5	9	3	6	0	4	2	5	3			
20	4	3	7	7	12	9	4	4	2	2	2	6			
21	3	5	4	6	2	7	1	1	2	0	3	2			
22	2	0	2	3	3	2	1	2	1	2	2	7			
23	5	11	12	12	14	10	12	6	6	4	2	4			
24	4	6	3	10	10	14	14	2	5	5	14	11			
25	4	2	2	7	8	****	7	2	2	5	2	2			
26	4	1	2	0	1	1	0	0	6	6	4	1			
27	2	2	1	1	0	0	3	1	2	2	2	0			
28	2	0	2	1	0	3	2	2	3	0	2	0			
29	0	4	2	4	4	4	2	3	5	****	****	****			
30							- DATA INVALID -								
MEAN	4	5	5	5	6	6	4	4	4	4	5	4	4.6		

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 9.2

PERCENTAGE OF DATA UNAVAILABLE - -3.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013				FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR				MONTH - DEC 76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1							- DATA INVALID -								
2							- DATA INVALID -								
3							- DATA INVALID -								
4							- DATA INVALID -								
5							- DATA INVALID -								
6							- DATA INVALID -								
7							- DATA INVALID -								
8							- DATA INVALID -								
9							- DATA INVALID -								
10	****	****	****	****	****	****	****	****	12	5	7	2	*****		
11	0	0	2	5	5	3	9	2	3	2	4	2	3		
12	6	5	1	7	5	3	11	6	2	2	1	1	4		
13	2	2	0	4	3	1	10	3	8	2	4	2	3		
14	3	4	4	4	7	7	7	5	12	14	13	17	8		
15	13	11	14	19	27	13	****	****	****	****	****	****	*****		
16							- DATA INVALID -								
17	****	****	****	****	****	****	12	12	4	2	3	4	*****		
18	3	4	0	5	2	1	2	3	0	2	0	4	2		
19	0	0	0	0	1	4	3	2	0	2	0	0	1		
20	2	2	2	4	3	2	2	2	0	3	3	2	2		
21	3	4	1	****	-	-	-	-	-	-	-	-	*****		
22							- DATA UNAVAILABLE -								
23	-	-	-	-	-	-	3	2	2	0	1	1	*****		
24	0	0	2	2	1	0	4	0	0	2	0	4	1		
25	3	2	2	3	0	2	4	2	2	1	1	1	2		
26	3	1	1	1	3	2	2	2	1	2	0	3	2		
27	0	0	0	3	1	2	1	1	2	2	2	1	1		
28	1	0	4	3	4	4	4	1	1	0	1	1	2		
29	0	4	0	1	2	1	0	0	2	4	2	3	2		
30	2	1	1	3	3	2	2	5	1	4	2	2	2		
31	1	0	1	3	3	3	2	2	2	0	2	3	2		
MEAN	2	2	2	4	4	3	5	3	3	3	3	3	3.1		

PERCENTAGE OF DATA VALID - 55.1

PERCENTAGE OF DATA INVALID - 66.9

PERCENTAGE OF DATA UNAVAILABLE - -22.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	4.4	15	54
FEB	25	4.9	12	31
MAR	31	3.6	9	28
APR	30	3.7	8	23
MAY	30	2.9	8	17
JUN	28	3.8	8	17
JUL	29	3.1	8	19
AUG	31	3.9	11	31
SEP	30	3.4	7	21
OCT	31	3.5	13	21
NOV	29	4.6	10	19
DEC	15	3.1	8	27
YEAR	338	3.7	15	54

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	200	96	21	6	0	1	1	325
FEB	192	80	28	11	6	1	0	318
MAR	262	84	19	2	3	0	0	370
APR	256	72	26	4	1	0	0	359
MAY	269	80	11	1	0	0	0	361
JUN	218	104	18	3	0	0	0	343
JUL	261	72	16	4	0	0	0	353
AUG	254	85	19	7	1	1	0	367
SEP	272	71	8	5	1	0	0	357
OCT	276	63	21	5	2	0	0	367
NOV	213	89	28	9	0	0	0	339
DEC	173	18	11	2	1	0	0	205
YEAR	2846	914	226	59	15	3	1	4064

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

92.5 0 0.0 1.1 2.1 4.0 8.4 11.3 14.9 17.2 54 3.7

MIN 10 30 50 70 90 95 98 99 MAX ARITH  
MEAN

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - SW NO 12014			UNIV MET STN COLLEGE/CALIF ST			WINDSOR			MONTH - JAN 76			MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	0	0	2	2	0	0	0	0	5	4	4	2
2	2	2	7	7	2	5	2	5	0	0	0	7	3
3	5	1	3	2	0	2	0	1	0	3	3	2	2
4	5	2	0	0	5	0	2	0	3	2	7	3	2
5	5	5	0	0	5	14	0	7	3	0	3	2	4
6	4	0	0	0	0	5	****	7	1	4	3	9	3
7	6	2	2	9	9	2	2	2	3	2	2	0	3
8	0	2	7	5	5	4	3	3	3	3	9	5	4
9	4	11	5	7	2	9	3	3	5	2	6	3	5
10	8	9	15	5	5	2	4	4	2	3	4	3	5
11	2	0	3	5	2	4	7	5	2	7	3	2	4
12	0	4	0	11	2	2	0	0	4	5	2	7	3
13	6	0	2	3	11	7	3	8	4	1	1	4	4
14	3	0	3	3	0	6	5	3	5	9	8	9	5
15	5	4	4	2	5	5	2	5	3	0	3	2	3
16	3	3	5	0	9	0	1	0	3	7	0	0	3
17	0	0	1	4	4	7	1	0	2	3	2	0	2
18	2	2	0	3	5	9	9	3	2	1	2	2	3
19	6	2	5	5	2	2	2	2	5	1	3	2	3
20	4	3	10	6	4	1	3	4	5	7	4	0	4
21	2	5	2	0	3	7	3	2	3	5	2	4	3
22	2	2	2	0	0	1	****	0	3	5	3	2	2
23	3	1	5	1	5	5	0	0	9	6	3	0	3
24	3	2	1	0	2	3	5	9	15	10	5	6	5
25	0	9	4	3	9	0	2	3	1	1	2	6	3
26	1	2	13	5	4	6	3	2	6	2	5	0	4
27	2	6	7	4	0	1	0	4	9	9	3	6	4
28	5	3	0	3	0	2	1	3	3	5	4	4	3
29	4	2	3	0	2	0	5	0	0	4	4	4	2
30	1	0	1	1	4	1	1	2	0	0	2	9	2
31	5	2	2	1	2	5	5	2	2	3	2	4	3
MEAN	3	3	4	3	4	4	3	3	3	4	3	4	3.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - SW NO 12014			UNIV MET STN COLLEGE/CALIF ST			WINDSOR			MONTH - FEB 76			MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	2	1	2	0	5	2	2	0	0	0	1
2	2	0	0	4	2	0	4	1	0	4	3	3	2
3	3	3	4	2	3	7	3	6	0	2	5	3	3
4	6	7	7	2	2	0	3	4	0	2	0	0	3
5	3	2	0	5	3	2	1	2	0	2	2	0	2
6	3	1	2	2	4	2	3	7	9	5	2	3	4
7	4	2	3	5	2	2	3	0	2	****	****	****	3
8													
9													
10													
11	-	-	-	-	-	-	-	2	7	3	0	5	*****
12	7	2	0	5	3	5	2	3	5	5	5	2	4
13	1	7	5	13	7	3	0	3	3	3	2	0	4
14	0	2	2	12	7	5	0	0	2	0	2	2	3
15	3	5	7	3	0	3	6	5	2	8	5	2	4
16	0	3	3	13	17	7	3	3	0	0	0	3	4
17	3	5	4	5	5	9	7	0	5	6	5	1	5
18	3	3	0	2	12	9	0	5	2	3	2	4	4
19	13	7	2	3	2	9	5	8	3	2	5	9	6
20	9	5	4	12	12	5	3	1	9	2	5	5	6
21	2	2	0	3	7	3		9	5	7	0	3	4
22	0	0	0	3	0	2	4	0	2	0	2	3	1
23	0	0	3	2	13	13	8	2	5	2	2	7	5
24	7	5	4	3	7	5	5	3	2	8	5	7	5
25	5	5	7	4	4	5	2	0	5	0	5	7	4
26	3	5	2	5	5	5	7	****	15	3	14	6	6
27	5	12	5	12	15	7	5	3	7	5	2	3	7
28	0	2	7	5	2	5	2	2	9	0	2	0	3
29	0	4	3	5	3	7	1	3	0	2	0	0	2
MEAN	3	4	3	5	6	5	3	3	4	3	3	3	3.7

PERCENTAGE OF DATA VALID - 86.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 12.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12014			UNIV MET STN COLLEGE/CALIF ST WINDSOR				MONTH - MAR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2	2	0	0	3	3	0	3	0	5	2	0	2	2	
3	0	5	0	2	9	7	12	19	23	23	14	5	10	
4	0	2	0	3	0	0	2	2	7	2	13	3	3	
5	2	3	11	2	3	11	2	2	7	0	0	1	4	
6	3	3	0	4	2	5	2	2	2	1	2	2	2	
7	0	0	1	2	2	2	1	2	1	1	5	0	1	
8	3	1	0	0	2	0	1	2	4	4	0	2	2	
9	2	2	0	5	1	0	2	2	2	4	2	6	2	
10	3	5	0	5	5	8	4	0	3	0	1	2	3	
11	0	5	1	2	0	2	2	****	2	3	5	3	2	
12	2	0	0	5	3	4	8	1	6	3	1	5	3	
13	2	5	3	7	4	2	7	2	0	3	6	1	4	
14	5	0	7	0	3	5	4	2	3	2	6	5	4	
15	1	1	1	0	2	5	4	4	4	0	2	0	2	
16	0	0	1	2	6	4	3	2	5	0	2	7	3	
17	2	1	0	1	2	2	0	4	2	5	2	3	2	
18	3	2	2	1	6	7	4	2	6	0	1	3	3	
19	1	5	3	4	4	2	5	4	2	1	3	0	3	
20	2	2	5	0	4	2	0	0	2	3	1	0	2	
21	0	2	2	2	0	2	1	0	1	2	0	0	1	
22	2	3	4	1	3	5	2	4	2	5	2	3	3	
23	5	4	11	11	2	3	5	1	1	2	2	1	4	
24	2	2	4	4	0	****	2	2	3	2	8	3	3	
25	4	3	****	****	****	****	****	****	****	****	****	****	*****	
26							- DATA INVALID -							
27							- DATA INVALID -							
28							- DATA INVALID -							
29							- DATA INVALID -							
30	****	****	****	****	****	2	1	2	2	3	2	4	*****	
31	4	3	1	0	2	3	0	5	2	2	2	3	2	
MEAN	2	2	2	3	3	3	3	3	4	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 79.3

PERCENTAGE OF DATA INVALID - 17.5

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014				UNIV MET STN COLLEGE/CALIF ST WINDSOR				MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	3	6	5	0	3	5	0	1	2	3
2	2	0	2	2	2	2	6	4	2	3	2	2	2
3	1	6	0	7	4	1	2	0	2	2	3	0	2
4	3	0	2	0	0	1	0	0	0	2	6	2	1
5	4	2	5	4	2	2	0	2	6	2	2	5	3
6	9	4	1	8	5	2	2	2	2	2	3	5	4
7	5	19	18	15	6	5	2	2	0	0	1	1	6
8	2	1	2	1	2	0	2	4	2	3	2	5	2
9	2	0	3	6	2	2	6	7	4	1	5	7	4
10	0	1	5	3	8	4	0	3	6	2	7	5	4
11	2	1	0	0	1	0	0	1	2	0	0	3	1
12	1	3	7	4	0	2	0	2	8	1	2	8	3
13	4	5	3	11	13	4	***	2	7	7	11	7	7
14	13	9	17	9	13	13	4	7	6	8	11	9	10
15	4	7	6	3	9	3	3	4	3	5	6	0	4
16	0	11	2	1	8	9	5	2	0	4	5	2	4
17	2	7	3	6	****	****	****	****	****	****	****	****	*****
18							- DATA INVALID -						
19							- DATA INVALID -						
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23	****	****	****	****	****	3	1	3	2	2	3	2	*****
24	7	1	2	1	2	6	1	1	0	3	0	2	2
25	0	2	0	0	0	1	0	0	1	0	0	0	0
26	2	2	2	1	2	2	2	0	2	2	0	2	2
27	2	0	0	3	3	0	2	2	2	0	3	2	2
28	2	5	3	3	2	1	***	2	3	6	8	2	3
29	7	4	0	1	3	0	0	0	2	0	2	3	2
30	8	12	14	15	3	0	1	2	1	2	2	3	5
MEAN	4	4	4	4	4	3	2	2	3	2	4	3	3.3

PERCENTAGE OF DATA VALID - 79.2

PERCENTAGE OF DATA INVALID - 20.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014	UNIV MET STN COLLEGE/CALIF ST	WINDSOR	MONTH - MAY	76										
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	5	4	7	14	2	5	5	0	1	0	4	
2	3	4	4	2	5	5	1	3	2	3	3	0	3	
3	1	3	0	3	5	3	0	1	1	0	0	2	2	
4	0	0	3	2	3	3	3	0	3	1	4	5	2	
5	0	0	2	1	3	2	3	7	1	5	0	6	3	
6	4	0	0	3	2	1	3	0	1	1	0	0	1	
7	4	1	1	0	2	2	2	1	0	2	1	7	2	
8	3	6	3	2	1	4	0	3	0	1	0	6	2	
9	2	0	2	2	2	0	1	0	1	2	6	3	2	
10	5	3	2	1	3	2	2	1	4	2	1	3	2	
11	4	2	0	2	1	2	0	2	2	2	0	1	2	
12	2	1	8	4	7	0	3	3	0	3	5	4	3	
13	4	2	8	5	1	2	3	0	2	2	3	2	3	
14	7	7	0	3	2	2	2	2	1	0	3	0	2	
15	2	2	3	2	3	3	0	1	3	0	0	2	2	
16	2	1	2	2	2	0	2	2	1	0	4	3	2	
17	0	2	0	2	2	-	-	0	3	3	0	0	1	
18	0	0	3	4	0	0	0	5	3	2	0	2	3	
19	2	4	0	2	5	3	3	3	0	3	3	9	2	
20	9	5	11	13	11	11	1	7	2	5	0	3	7	
21	9	0	5	3	2	0	2	0	1	0	0	2	2	
22	5	3	9	9	0	2	5	5	2	0	5	5	4	
23	3	3	0	0	1	2	0	0	0	2	0	2	1	
24	3	0	2	3	2	3	0	3	2	0	0	0	2	
25	3	0	2	2	5	2	0	5	2	2	7	1	2	
26	2	3	2	3	0	3	1	3	5	0	7	5	3	
27	13	13	21	17	7	4	***	0	1	2	0	7	8	
28	0	0	5	3	7	19	2	2	0	9	3	3	4	
29	2	0	2	5	3	2	5	5	3	3	0	1	3	
30	2	0	5	0	3	5	3	5	3	2	5	0	3	
31	2	3	0	0	1	2	7	5	4	3	3	5	3	
MEAN	3	2	4	3	3	3	2	3	2	2	2	3	2.7	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014	UNIV MET STN COLLEGE/CALIF ST	WINDSOR	MONTH - JUN	76										
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	3	1	3	2	2	0	8	0	0	2	
2	3	3	0	2	3	2	0	0	0	2	0	2	1	
3	3	1	3	3	2	3	5	1	5	2	2	2	3	
4	0	3	5	7	6	2	2	2	4	0	5	0	3	
5	2	3	2	5	5	6	2	2	6	5	3	2	4	
6	9	5	7	5	2	0	3	2	5	9	2	9	5	
7	19	6	9	9	5	5	5	2	7	5	7	7	7	
8	7	2	9	11	9	3	5	3	1	3	3	3	5	
9	3	7	9	15	19	7	***	***	14	3	7	9	9	
10	9	8	12	15	9	0	5	3	7	6	2	5	7	
11	3	5	9	7	5	12	5	5	2	2	2	0	5	
12	5	2	0	2	0	2	0	0	5	0	0	2	2	
13	3	3	7	0	5	3	7	2	2	3	8	9	4	
14	2	2	4	8	5	3	5	15	4	1	12	6	6	
15	3	3	2	2	***	7	2	6	9	2	3	5	4	
16	3	2	5	7	12	3	5	3	5	0	0	2	4	
17	3	7	7	9	5	3	7	3	5	2	5	1	5	
18	7	2	1	3	7	5	2	2	5	0	5	5	3	
19	2	1	3	0	2	3	3	3	2	2	2	5	2	
20	2	3	0	9	2	9	0	5	0	0	3	0	3	
21	2	0	2	7	5	2	2	0	4	3	0	5	3	
22	5	4	5	4	5	5	***	0	7	0	3	7	4	
23	5	2	9	9	5	0	2	2	5	0	5	5	4	
24	2	3	5	7	2	7	2	2	0	5	0	5	3	
25	2	13	12	7	7	5	0	0	3	6	3	5	5	
26	5	5	5	9	9	9	3	2	3	6	0	7	5	
27	5	17	7	3	3	7	2	3	4	5	3	2	5	
28	5	7	5	0	5	9	7	2	6	2	7	0	5	
29	7	5	3	7	12	12	2	2	3	2	5	1	5	
30	5	3	1	4	5	3	0	5	0	3	2	2	3	
MEAN	4	4	5	6	6	5	3	3	4	3	3	4	4.1	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - SW NO 12014												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	6	6	0	2	7	0	2	3	0	4	0	0	3
2	-	-	-	-	-	5	4	0	1	0	5	2	*****
3	10	13	3	5	2	0	2	2	3	0	0	2	4
4	0	7	2	0	18	2	2	2	0	0	2	3	3
5	6	2	3	3	5	0	2	2	3	3	5	3	3
6	13	6	9	11	7	2	7	3	6	8	7	9	7
7	5	9	9	8	19	6	7	5	6	9	9	2	8
8	2	2	5	5	1	2	0	2	1	2	2	2	2
9	3	3	13	9	23	19	1	5	0	3	7	0	7
10	3	2	2	9	17	5	4	2	7	9	9	3	6
11	5	8	2	5	4	2	3	0	2	0	2	2	3
12	2	0	2	0	2	2	3	1	0	4	0	2	2
13	2	3	3	6	0	0	3	0	2	2	5	5	3
14	2	3	11	4	7	0	2	2	7	1	3	0	4
15	3	0	2	5	5	0	5	3	2	2	0	6	3
16	5	2	2	5	2	3	5	0	2	0	2	0	2
17	3	1	3	2	2	0	0	0	0	3	4	3	2
18	2	4	8	3	0	3	3	2	0	4	0	2	3
19	9	5	3	6	3	2	2	0	3	2	3	0	3
20	3	3	2	3	5	2	3	3	3	2	5	3	3
21	6	2	4	0	3	2	2	0	0	2	2	0	2
22	2	2	2	2	1	4	2	0	5	3	2	2	2
23	2	2	5	6	9	4	4	5	2	1	3	3	4
24	2	2	2	2	0	2	0	1	2	0	3	1	1
25	5	0	2	1	1	2	0	3	0	1	2	4	2
26	5	3	3	3	4	2	2	3	2	5	3	9	4
27	12	5	2	9	5	3	3	4	0	5	1	3	4
28	2	2	3	2	1	3	2	3	0	3	3	4	2
29	3	3	6	2	3	3	5	3	2	0	1	3	3
30	0	0	3	2	4	2	11	8	5	2	2	1	3
31	3	2	6	5	0	1	2	1	0	0	1	0	2
MEAN	4	3	4	4	5	3	3	2	2	3	3	3	3.3

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - SW NO 12014												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	0	1	0	2	1	0	0	2	2	0	2	1
2	2	2	2	5	1	3	1	3	1	0	2	4	2
3	7	9	12	12	5	2	2	3	2	4	5	2	5
4	4	3	4	7	6	2	2	4	3	2	13	3	4
5	7	1	4	3	0	7	***	2	3	3	3	2	3
6	0	2	2	2	2	2	2	2	3	0	2	2	2
7	0	2	1	0	3	2	0	0	0	2	0	6	1
8	0	0	0	4	2	2	0	5	2	2	4	4	2
9	8	11	9	12	2	2	0	0	2	2	1	3	4
10	1	8	17	11	12	5	0	5	0	3	7	4	6
11	2	2	7	3	8	4	5	***	7	3	2	4	4
12	6	6	3	5	2	6	4	4	8	7	4	7	5
13	0	2	5	6	7	5	4	4	0	7	13	7	5
14	0	3	0	2	0	4	2	2	2	2	2	0	2
15	2	0	1	0	1	0	2	0	0	0	3	4	1
16	0	0	10	13	2	2	0	5	0	3	9	11	5
17	19	15	8	7	7	3	***	2	2	5	6	22	9
18	17	9	14	26	8	8	5	3	2	4	8	9	9
19	17	14	6	16	3	4	2	1	2	3	2	6	6
20	6	5	15	27	14	7	4	4	5	7	7	9	9
21	7	2	2	11	5	4	2	3	4	0	7	2	4
22	3	8	10	9	4	2	1	0	3	3	4	4	4
23	2	0	5	2	2	2	0	1	3	0	1	4	2
24	0	4	1	0	***	2	0	2	2	2	0	2	1
25	2	2	1	5	2	3	0	5	0	3	2	5	3
26	0	0	5	6	5	3	3	0	2	0	3	0	2
27	2	2	3	0	2	2	2	1	0	0	5	2	2
28	0	0	1	2	0	0	3	0	1	0	4	2	1
29	2	0	2	0	0	2	0	2	0	5	0	2	1
30	1	1	0	2	0	0	0	2	0	1	2	0	1
31	0	2	0	2	0	3	0	0	0	4	0	4	1
MEAN	4	4	5	6	4	3	2	2	2	3	4	4	3.5

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12014			UNIV MET STN COLLEGE/CALIF ST			WINDSOR		MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	2	0	2	0	1	****	-	-	-	1	
2							- DATA INVALID -							
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6							- DATA INVALID -							
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13	-	-	-	-	-	-	-	2	1	1	1	4	*****	
14	3	4	2	6	9	4	2	4	2	4	7	6	4	
15	1	2	4	0	2	2	6	3	6	2	1	0	2	
16							- DATA UNAVAILABLE -							
17	2	3	2	2	2	5	3	0	1	0	1	1	2	
18	2	2	5	5	0	0	0	2	2	4	5	1	2	
19	3	5	3	4	5	2	0	2	2	2	3	2	3	
20	2	2	2	2	3	0	0	4	2	2	0	3	2	
21	0	1	9	13	6	3	6	2	3	2	0	3	4	
22	2	3	2	2	6	4	3	3	0	5	4	2	3	
23	1	3	2	6	5	2	****	4	1	0	3	1	3	
24	0	2	2	10	2	2	3	2	2	5	3	4	3	
25	8	9	5	6	11	3	3	1	2	2	2	3	5	
26	0	0	2	2	8	3	3	2	0	5	0	3	2	
27	1	2	2	5	3	0	2	2	2	2	2	2	2	
28	0	0	2	1	4	2	1	0	0	2	5	3	2	
29	13	7	4	5	8	3	0	2	0	6	1	1	4	
30	3	2	2	6	3	0	0	0	2	1	1	0	2	
MEAN	2	3	3	5	5	2	2	2	2	3	2	2	2.7	

PERCENTAGE OF DATA VALID - 56.7

PERCENTAGE OF DATA INVALID - 56.4

PERCENTAGE OF DATA UNAVAILABLE --13.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014				UNIV MET STN COLLEGE/CALIF ST				WINDSOR	MONTH - OCT 76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN			
1	1	1	0	3	3	0	0	0	2	2	1	0	1			
2	0	2	0	1	2	4	3	***	-	7	5	4	3			
3	8	14	9	3	4	3	2	2	2	3	8	13	6			
4	4	2	3	6	3	4	2	3	2	2	5	4	3			
5	0	2	6	5	3	2	0	2	3	4	2	4	3			
6	2	2	0	2	1	4	0	4	0	3	0	0	2			
7	2	0	4	0	2	1	0	3	2	0	6	0	2			
8	2	3	1	0	5	2	0	0	0	1	0	1	1			
9	0	1	0	5	0	1	0	3	0	2	2	2	1			
10	2	4	2	2	1	3	3	3	1	2	2	0	2			
11	0	0	2	1	2	3	2	3	2	2	0	2	2			
12	0	2	2	4	2	3	2	2	0	2	2	6	2			
13	0	5	2	5	6	2	***	2	4	3	4	0	3			
14	2	3	3	12	0	2	0	4	3	2	4	0	3			
15	9	3	5	11	9	4	3	2	3	2	7	7	5			
16	6	2	0	1	1	4	0	***	2	0	5	2	2			
17	3	0	2	0	2	0	2	3	1	2	4	2	2			
18	3	9	3	13	4	0	2	3	3	2	6	3	2			
19	0	2	3	2	5	3	0	5	8	3	8	7	4			
20	9	3	5	2	5	7	2	2	0	5	5	2	4			
21	5	5	9	5	1	7	2	3	0	7	5	2	4			
22	3	0	3	3	7	3	3	3	0	3	8	7	4			
23	7	2	3	9	5	4	2	2	***	4	0	2	4			
24	4	2	2	0	3	2	5	4	2	0	2	2	2			
25	4	2	1	2	4	0	3	0	0	3	2	0	2			
26	4	0	4	2	2	2	2	2	0	3	0	3	2			
27	0	0	0	4	3	2	2	2	0	0	5	9	2			
28	9	7	7	9	3	4	3	5	2	2	4	2	5			
29	5	2	2	4	5	3	2	4	3	0	3	2	3			
30	0	0	3	3	0	4	3	5	3	3	1	0	2			
31	3	0	2	0	2	0	3	0	2	2	0	9	2			
MEAN	3	3	3	4	3	3	2	3	2	2	3	3	2.8			

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - SW NO 12014			UNIV MET STN COLLEGE/CALIF ST			WINDSOR		MONTH - NOV 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	9	3	9	11	4	2	4	0	3	5	7	5	
2	6	1	3	2	2	0	2	2	2	8	4	5	3	
3	11	7	7	6	4	1	3	3	3	6	3	5	5	
4	7	3	1	4	4	0	2	3	6	2	9	3	4	
5	2	5	3	1	2	3	1	0	1	0	3	0	2	
6	3	1	2	2	1	0	1	****	****	****	****	****	*****	
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11							- DATA INVALID -							
12							- DATA INVALID -							
13	****	****	****	****	****	****	****	****	****	13	5	5	*****	
14	2	9	9	3	0	3	5	11	7	5	3	5	5	
15	11	13	18	2	6	3	5	3	5	5	7	9	7	
16	3	21	15	11	2	13	2	2	7	7	3	5	8	
17	2	3	4	2	3	5	2	4	7	6	6	9	4	
18	0	****	-	-	-	-	-	-	-	-	-	-	*****	
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29	-	-	-	-	-	-	-	****	8	8	6	5	*****	
30	2	5	2	2	2	9	4	5	7	****	****	****	4	
MEAN	5	7	6	4	3	4	3	4	5	6	5	5	4.7	

PERCENTAGE OF DATA VALID - 36.7

PERCENTAGE OF DATA INVALID - 25.3

PERCENTAGE OF DATA UNAVAILABLE - 38.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - SW NO 12014			UNIV MET STN COLLEGE/CALIF ST			WINDSOR		MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA INVALID -							
2							- DATA INVALID -							
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6							- DATA INVALID -							
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11	****	****	****	****	****	****	****	****	3	4	2	0	*****	
12	2	3	3	2	3	2	1	5	5	0	0	2	2	
13	2	2	0	2	2	4	0	4	5	5	4	3	3	
14	1	0	2	3	4	5	2	4	2	3	7	7	3	
15	11	21	23	15	5	11	14	16	13	23	4	15	14	
16	23	26	36	9	3	3	2	4	0	11	7	3	11	
17	2	2	3	3	0	3	7	7	2	7	2	3	3	
18	2	2	3	2	4	2	3	3	6	****	-	-	3	
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	6	8	10	5	3	4	4	6	5	8	4	5	5.6	

PERCENTAGE OF DATA VALID - 22.8

PERCENTAGE OF DATA INVALID - 34.7

PERCENTAGE OF DATA UNAVAILABLE - 42.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.3	5	15
FEB	25	3.7	7	17
MAR	24	2.9	10	23
APR	23	3.3	10	19
MAY	31	2.7	8	21
JUN	30	4.1	9	19
JUL	30	3.3	8	23
AUG	31	3.5	9	27
SEP	17	2.7	5	13
OCT	31	2.8	6	14
NOV	10	4.7	8	21
DEC	7	5.6	14	36
YEAR	290	3.4	14	36

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	262	101	7	0	0	0	0	370
FEB	192	94	14	1	0	0	0	301
MAR	238	47	7	1	2	0	0	295
APR	211	59	12	3	0	0	0	285
MAY	299	60	7	2	1	0	0	369
JUN	201	139	13	3	0	0	0	356
JUL	274	80	7	4	1	0	0	366
AUG	272	72	16	5	3	0	0	368
SEP	167	34	3	0	0	0	0	204
OCT	301	61	5	0	0	0	0	367
NOV	74	47	9	1	1	0	0	132
DEC	57	14	7	1	5	1	0	85
YEAR	2548	808	107	21	13	1	0	3498

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
79.6	0	0.0	1.2	2.0	3.6	6.7	8.7	12.7	15.0	36	3.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - JAN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	11	9	9	9	6	5	2	5	7	0	4	11	7
2	13	0	2	9	2	7	2	3	4	5	2	3	4
3	3	4	2	2	7	3	7	4	4	10	6	2	5
4	4	9	9	3	9	3	2	6	6	8	10	11	7
5	8	11	6	8	18	9	8	****	2	0	3	2	7
6	5	0	0	-	-	-	-	****	9	2	7	5	*****
7	2	0	0	2	5	7	2	0	4	2	0	0	2
8	4	5	0	7	9	7	9	13	6	2	7	6	6
9	7	2	5	6	2	3	0	1	9	2	2	2	3
10	0	2	0	0	4	0	4	5	4	7	3	2	3
11	0	2	3	0	0	2	0	9	17	12	26	15	7
12	13	20	6	5	7	2	1	5	2	3	11	0	6
13	4	0	2	2	1	11	0	6	2	2	5	3	3
14	7	5	4	8	7	6	6	3	2	2	5	4	5
15	4	3	5	2	3	2	7	2	2	1	3	0	3
16	0	0	2	2	0	3	1	0	2	3	4	0	1
17	8	1	6	0	7	5	4	2	1	3	0	5	4
18	4	3	3	7	6	7	7	0	0	3	3	2	4
19	2	2	7	8	1	0	0	5	3	0	3	5	3
20	2	3	0	5	4	9	6	7	4	2	4	2	4
21	3	7	0	2	2	9	2	0	8	5	2	1	3
22	5	3	3	4	2	****	5	5	2	2	4	5	4
23	8	4	5	0	5	4	5	6	5	3	3	1	4
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27	****	****	****	****	****	****	****	4	2	2	5	7	*****
28	3	5	3	0	2	0	0	2	2	9	5	2	3
29	15	5	4	3	7	0	9	5	3	3	2	1	5
30	0	0	0	2	2	0	3	5	7	0	3	7	2
31	2	0	0	2	4	3	5	0	3	0	4	2	2
MEAN	5	4	3	4	5	4	4	4	4	3	5	4	4.1

PERCENTAGE OF DATA VALID - 86.6

PERCENTAGE OF DATA INVALID - 22.0

PERCENTAGE OF DATA UNAVAILABLE - -8.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - FEB 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	2	0	0	4	0	4	3	0	0	0	1
2	2	3	7	3	7	5	2	7	9	2	0	0	4
3	2	0	4	7	3	6	2	2	3	7	5	3	4
4	3	2	5	7	2	2	6	0	4	0	3	3	3
5	3	4	7	3	4	2	3	0	3	0	3	8	3
6	0	5	2	4	6	3	5	8	7	13	9	4	6
7	2	9	3	7	0	7	7	2	2	5	2	3	4
8	3	7	2	2	6	5	8	2	12	6	0	0	4
9	5	11	0	4	3	5	2	4	4	0	2	0	3
10	4	4	3	4	10	3	5	4	3	2	6	9	5
11	11	10	7	5	13	7	7	****	9	4	7	8	8
12	3	2	0	3	0	2	3	7	50	41	25	21	13
13	4	2	2	4	7	2	0	3	4	5	0	2	3
14	2	0	2	2	2	0	2	0	2	5	0	5	2
15	3	5	3	5	2	3	4	0	1	2	11	4	4
16	4	3	5	2	5	4	2	0	4	0	3	5	3
17	5	2	7	2	3	2	11	0	3	0	4	3	4
18	0	2	0	2	0	2	2	0	7	5	12	11	4
19	2	2	2	0	11	6	7	8	11	7	7	2	5
20	3	3	3	6	4	2	7	2	3	0	7	0	3
21	3	1	0	2	3	3	6	2	9	5	6	3	4
22	6	0	2	3	0	2	0	0	2	0	9	2	2
23	1	0	0	2	9	5	5	0	3	0	2	4	3
24	7	3	4	4	2	5	2	0	2	7	3	0	3
25	3	0	0	0	0	3	3	4	4	8	6	0	3
26	6	3	2	5	5	3	3	****	10	7	5	11	5
27	7	3	6	7	7	5	1	0	5	5	2	3	4
28	13	14	8	1	0	2	0	3	0	0	5	3	4
29	0	1	7	9	7	2	13	9	2	4	3	2	5
MEAN	4	3	3	4	4	4	4	3	6	5	5	4	4.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	6	2	0	9	2	2	4	0	0	2	0	2
2	2	2	1	0	0	2	2	1	5	2	0	1	2
3	2	2	0	2	12	6	7	11	18	25	9	6	8
4	1	1	0	2	2	2	4	4	0	5	3	3	2
5	2	1	3	1	3	4	4	9	8	9	3	3	4
6	2	3	8	4	7	2	5	2	2	3	3	0	3
7	5	0	7	2	3	7	3	2	7	6	3	2	4
8	0	3	7	2	3	2	2	0	3	2	2	2	2
9	0	0	3	0	5	0	3	2	2	0	5	6	2
10	2	1	3	2	5	2	9	8	4	7	7	2	4
11	2	2	5	0	4	4	3	3	3	2	0	1	2
12	0	1	2	3	1	2	1	7	0	7	0	2	2
13	2	0	1	0	3	9	6	0	0	0	2	7	3
14	0	0	4	2	2	3	2	4	5	3	8	9	4
15	7	7	3	3	5	3	0	0	3	2	0	0	3
16	2	0	0	2	7	6	2	4	4	13	7	0	4
17	3	3	4	5	2	1	2	3	7	4	5	9	4
18	3	2	4	3	2	0	2	3	2	5	0	5	3
19	2	4	5	4	5	1	5	3	1	3	0	2	3
20	0	3	2	4	1	2	0	3	3	0	2	2	2
21	3	13	5	8	5	5	11	5	5	4	3	6	6
22	0	0	0	8	6	2	0	2	2	1	3	3	2
23	3	3	8	0	3	4	5	2	0	2	3	3	3
24	0	0	2	2	3	7	****	0	5	4	4	0	2
25	9	0	2	0	9	2	2	4	5	7	8	2	4
26	2	3	5	0	3	3	0	2	0	3	0	0	2
27	1	0	3	3	2	2	3	7	3	5	7	7	4
28	5	7	0	7	0	2	3	2	4	0	0	3	3
29	3	0	2	1	6	3	0	0	3	3	4	1	2
30	5	2	0	5	5	0	9	7	1	****	****	****	4
31	- DATA INVALID -												
MEAN	2	2	3	3	4	3	3	3	4	4	3	3	3.2

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "==" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6	****	****	****	****	****	****	5	2	6	9	0	3	*****
7	1	5	7	13	7	5	0	9	0	5	5	0	5
8	1	1	5	2	5	2	2	2	1	2	5	3	3
9	2	0	3	13	4	3	13	5	5	2	7	0	5
10	7	0	7	9	9	2	3	4	3	4	0	3	4
11	3	0	4	2	0	0	2	0	4	0	0	0	1
12	0	3	2	3	0	2	7	3	0	2	5	9	3
13	9	19	11	17	9	****	5	9	6	2	0	5	8
14	0	2	6	3	3	6	1	0	2	0	2	0	2
15	6	4	3	5	2	5	2	3	0	5	4	0	3
16	0	5	2	10	6	3	7	5	4	5	2	4	4
17	0	0	7	11	0	2	4	0	6	2	2	4	3
18	4	0	0	3	0	1	0	2	0	0	2	3	1
19	6	2	9	6	6	9	5	0	3	7	3	0	5
20	5	2	1	0	1	0	0	0	0	3	0	3	1
21	4	0	2	0	4	2	1	3	2	2	1	2	2
22	3	2	6	2	2	2	2	5	3	0	3	1	3
23	2	0	0	0	3	3	0	3	3	1	3	4	2
24	1	3	0	7	0	6	0	2	3	3	2	2	2
25	0	1	0	3	0	3	6	0	2	2	5	0	2
26	4	0	3	4	2	0	0	0	0	0	2	1	1
27	7	0	0	0	0	0	0	0	9	7	11	7	3
28	14	5	1	5	2	****	0	2	0	2	3	7	4
29	2	4	4	5	3	5	2	0	4	2	3	3	3
30	2	9	6	7	7	0	3	7	0	6	3	0	4
MEAN	3	3	4	5	3	3	3	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 81.1

PERCENTAGE OF DATA INVALID - 18.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "==" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR MONTH - MAY 76													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	2	3	0	5	2	0	1	0	3	2	0	2
2	0	1	2	0	0	0	0	2	4	6	2	5	2
3	1	0	3	3	2	3	2	10	7	11	3	4	4
4	1	4	2	2	2	0	0	0	4	3	0	0	2
5	0	2	0	2	3	4	4	4	****	-	-	-	2
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22	-	2	7	9	2	2	2	1	2	5	2	2	3
23	0	0	3	2	2	0	0	2	2	0	2	5	2
24	3	5	1	9	3	0	0	0	0	2	2	3	2
25	0	0	3	3	5	0	2	0	2	2	1	5	2
26	3	5	7	7	0	2	3	5	7	5	0	3	4
27	7	13	9	13	15	5	****	0	0	2	3	9	7
28	9	3	0	9	13	2	3	3	3	1	2	5	4
29	9	0	0	0	5	3	3	7	2	3	2	0	3
30	0	3	3	0	3	1	5	3	3	5	2	0	2
31	2	2	0	3	3	11	9	5	7	0	8	0	4
MEAN	3	3	3	4	4	2	2	3	3	3	2	3	3.0

PERCENTAGE OF DATA VALID - 46.8

PERCENTAGE OF DATA INVALID - 38.4

PERCENTAGE OF DATA UNAVAILABLE - 14.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR MONTH - JUN 76													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	3	3	7	2	2	3	3	1	1	3	3
2	5	3	2	7	2	3	0	0	3	3	0	0	2
3	5	0	0	0	3	1	2	0	5	0	0	9	2
4	3	8	0	0	3	2	7	5	0	0	3	9	3
5	0	2	0	9	4	3	5	0	0	5	2	3	3
6	5	13	11	5	0	2	3	11	0	0	5	9	5
7	13	0	3	3	9	3	5	2	5	2	2	5	4
8	11	7	9	9	7	****	0	0	2	5	6	6	4
9	13	10	9	15	16	5	3	3	7	5	4	5	8
10	3	0	8	9	4	5	3	3	5	3	5	4	4
11	10	2	1	3	12	6	3	9	5	1	4	2	5
12	0	2	3	3	0	0	0	0	0	0	0	1	1
13	0	3	3	2	8	8	9	5	2	2	1	4	4
14	2	1	6	5	3	0	3	2	5	2	3	2	3
15	2	2	2	2	1	****	0	5	2	6	3	2	3
16	1	2	0	3	2	0	1	3	1	2	2	6	2
17	7	9	10	11	3	7	2	1	3	0	1	1	5
18	0	1	2	2	1	0	0	2	2	2	3	0	1
19	0	2	2	9	4	3	4	2	0	3	4	0	3
20	0	2	3	2	0	0	0	2	3	2	0	2	1
21	0	1	5	4	4	0	0	2	3	2	0	2	2
22	2	0	0	3	5	5	0	****	2	8	2	1	3
23	1	0	5	8	5	5	0	4	2	3	2	2	3
24	2	0	0	0	0	2	2	4	2	****	****	****	1
25	****	****	****	****	****	****	0	1	0	2	11	6	*****
26	10	9	3	4	5	4	0	0	6	4	0	6	4
27	2	13	10	5	5	5	3	2	3	8	2	1	5
28	0	3	0	0	1	1	2	0	3	3	10	9	3
29	2	3	5	5	3	4	0	0	0	0	1	0	2
30	2	2	5	7	0	3	3	0	3	0	0	0	2
MEAN	4	4	4	5	4	3	2	2	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - JUL 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	11	7	3	5	3	3	2	0	2	2	9	4	4
2	4	6	5	8	3	3	4	3	5	4	6	2	5	5
3	11	13	5	3	0	0	2	5	2	7	4	2	5	5
4	1	3	7	0	0	0	3	0	1	0	0	3	2	2
5	5	5	4	5	11	5	4	8	7	4	2	4	5	5
6	4	3	14	2	9	3	0	1	9	8	10	0	5	5
7	9	15	0	0	6	3	5	5	7	12	1	2	5	5
8	2	7	7	6	1	3	6	0	0	7	0	0	3	3
9	2	1	7	6	0	8	0	7	2	2	0	1	3	3
10	0	3	2	5	0	4	3	7	4	3	0	5	3	3
11	5	9	8	9	0	7	4	11	4	3	0	5	5	5
12	0	2	3	5	0	2	2	0	0	13	2	7	3	3
13	2	3	7	6	5	4	2	0	5	0	9	7	4	4
14	2	6	2	0	6	3	0	9	3	4	9	8	4	4
15	11	0	3	0	9	9	1	0	2	2	3	2	4	4
16	0	0	5	7	3	0	0	****	3	6	0	6	3	3
17	7	3	10	6	2	0	3	7	5	3	5	2	4	4
18	0	9	4	8	5	7	3	5	3	3	0	3	4	4
19	2	3	2	3	5	0	7	2	0	2	3	2	3	3
20														
21														
22														
23														
24														
25														
26														
27														
28														
29	3	3	2	2	7	7	2	2	4	3	8	0	*****	
30	3	2	0	2	2	7	8	9	0	2	2	2	3	3
31	3	7	5	7	5	4	0	0	2	0	0	3	3	3
MEAN	4	5	5	4	4	4	3	4	3	4	3	3	3.8	

- DATA UNAVAILABLE -

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- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

PERCENTAGE OF DATA VALID - 71.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 28.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - AUG 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	3	0	0	2	0	0	0	2	1	1	1
2	8	1	7	8	5	0	2	0	2	2	0	5	3	3
3	3	7	8	15	9	7	3	****	1	2	5	2	6	4
4	3	5	5	5	7	2	1	5	2	2	2	4	4	4
5	2	5	7	2	7	3	3	5	11	10	7	0	5	5
6	4	0	0	0	0	****	0	0	0	2	3	0	1	1
7	3	1	1	3	0	0	0	2	2	3	2	3	2	2
8	3	5	0	6	0	2	6	2	2	2	1	4	3	3
9	0	3	7	11	5	1	1	2	0	3	2	3	3	3
10	5	6	7	14	11	4	0	3	2	2	2	0	5	5
11	3	2	2	2	2	3	0	7	2	2	6	9	3	3
12	5	7	4	2	3	5	4	****	6	2	4	0	4	4
13	1	3	2	2	4	3	4	2	0	4	0	3	2	2
14	2	0	2	0	1	3	8	0	2	2	1	3	2	2
15	0	0	0	5	2	0	0	2	1	0	2	6	2	2
16	3	1	14	3	3	2	2	3	3	2	2	2	3	3
17	5	10	8	5	5	3	2	****	1	0	6	8	5	5
18	7	9	8	10	15	13	8	2	0	2	3	2	7	7
19	6	12	14	12	4	3	0	4	6	2	0	2	5	5
20	3	2	2	7	11	4	4	6	2	2	7	7	5	5
21	6	0	6	6	17	7	7	4	2	2	5	2	5	5
22	7	3	8	6	5	3	3	7	2	4	5	17	6	6
23	4	2	2	****	****	****	****	****	3	2	4	1	*****	2
24	0	2	4	1	2	3	3	2	2	1	4	4	2	2
25	2	7	7	2	3	0	4	2	4	3	0	4	3	3
26	1	3	4	3	3	2	3	5	2	3	3	5	3	3
27	3	2	3	3	3	3	2	5	7	13	8	3	5	5
28	0	5	5	1	3	6	5	4	2	3	0	6	2	2
29	1	0	0	2	0	2	2	0	2	3	0	4	3	3
30	2	5	5	0	2	2	2	6	1	4	2	4	3	3
31	9	6	11	5	0	5	2	2	4	2	12	0	5	5
MEAN	3	4	5	5	4	3	3	3	2	3	3	4	3.5	

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR MONTH - SEP 76													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	7	10	4	5	5	4	5	0	-	-	-	5
2	5	-	-	-	-	2	0	3	3	2	0	3	2
3	2	1	4	2	4	5	2	0	1	0	2	6	2
4	1	5	3	2	8	6	5	6	5	3	4	2	4
5	3	0	0	2	0	0	0	2	0	0	0	0	1
6	1	2	2	5	1	2	2	2	2	0	2	0	2
7	2	4	3	2	3	0	3	3	0	2	6	4	3
8	3	4	6	3	20	10	7	3	5	7	10	14	8
9	9	3	5	9	6	4	9	5	4	2	3	2	5
10	7	9	9	4	3	3	1	6	6	4	8	13	6
11	4	1	3	6	15	4	6	2	6	7	9	8	6
12	7	6	4	8	12	8	5	0	2	3	2	3	5
13	2	8	4	7	6	6	3	4	1	3	4	4	4
14	3	8	7	7	****	1	2	1	5	2	5	3	4
15	4	6	7	3	2	5	2	3	3	2	2	4	4
16	1	2	5	4	8	2	7	7	7	6	0	0	4
17	4	4	4	4	4	2	5	6	1	5	5	3	4
18	1	4	9	9	2	4	0	2	1	10	10	4	5
19	7	19	1	3	12	5	0	0	3	2	5	3	5
20	0	25	14	4	10	5	4	4	3	2	2	1	6
21	2	13	12	12	2	4	6	5	6	4	2	4	6
22	9	13	3	12	4	3	3	4	6	0	2	2	5
23	0	2	2	6	8	7	2	3	2	0	6	3	3
24	2	4	4	12	7	1	***	2	0	6	2	2	4
25	10	4	4	9	6	3	1	5	5	5	1	1	5
26	7	0	2	3	4	1	4	3	3	2	2	2	3
27	2	2	4	9	9	2	8	3	4	2	4	2	4
28	2	2	5	4	4	6	3	6	3	6	3	0	4
29	3	6	3	3	5	3	7	6	13	18	17	6	8
30	9	12	6	11	23	6	7	4	3	9	4	9	9
MEAN	4	6	5	6	7	4	4	4	3	4	4	4	4.5

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR MONTH - OCT 76													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	4	0	15	17	4	6	5	6	3	4	6	6
2	11	11	14	13	10	4	6	***	0	3	5	12	8
3	9	7	3	7	7	5	2	8	7	3	8	7	6
4	4	9	5	7	2	0	3	5	3	3	3	1	4
5	1	2	4	4	2	2	5	0	2	2	2	2	2
6	0	4	1	4	2	3	3	0	2	2	2	0	2
7	2	2	1	2	5	1	2	0	2	3	5	1	2
8	1	5	5	7	1	3	0	5	2	4	2	2	3
9	2	0	2	4	0	3	0	3	6	8	4	7	3
10	9	6	6	2	2	3	3	0	4	0	2	0	3
11	3	3	0	2	3	3	3	2	3	1	4	2	2
12	2	5	2	7	3	2	6	3	2	7	5	13	5
13	6	11	19	2	7	5	7	2	9	3	6	3	7
14	2	2	4	2	2	2	0	5	2	2	2	5	3
15	2	6	4	8	7	9	5	4	4	13	17	8	7
16	3	0	4	4	2	2	3	4	9	5	5	0	3
17	0	2	0	2	0	2	2	3	3	3	6	10	3
18	7	15	10	2	1	2	2	0	6	3	1	3	4
19	2	4	4	3	3	4	3	6	4	14	7	8	5
20	5	8	12	6	4	3	3	7	10	7	10	3	7
21	2	0	6	2	12	6	11	8	6	5	9	5	6
22	2	4	9	7	13	12	9	0	3	4	3	2	6
23	13	3	6	8	3	2	***	-	0	2	2	5	4
24	0	2	2	4	2	1	2	6	1	2	1	2	2
25	0	5	0	2	2	3	5	3	1	2	4	3	3
26	2	2	4	4	4	1	2	3	2	0	3	2	2
27	1	3	2	5	11	3	2	1	2	1	8	6	4
28	4	3	3	0	4	2	3	3	0	3	2	2	2
29	7	2	7	5	5	4	6	1	2	3	5	7	5
30	3	7	3	5	5	3	10	9	6	2	4	2	5
31	3	0	1	2	3	2	0	2	***	6	10	7	3
MEAN	4	4	5	5	5	3	4	3	4	4	5	4	4.1

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12015			SEWAGE PLT HWY 18/PROSPECT			WINDSOR	MONTH - NOV 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	9	9	0	16	7	5	2	3	4	5	7	6	
2	2	8	6	6	2	1	4	4	4	7	3	5	4	
3	8	12	3	7	14	2	3	2	4	5	11	8	7	
4	10	10	2	11	8	2	8	5	2	5	22	13	8	
5	6	17	13	11	11	8	2	8	5	5	4	0	8	
6	2	3	3	0	2	2	****	2	4	2	5	2	2	
7	3	6	6	7	12	0	3	2	2	0	2	2	4	
8	2	6	8	2	1	2	2	2	2	2	1	1	3	
9	4	2	4	2	2	4	2	9	2	1	12	4	4	
10	2	4	12	13	11	4	8	2	7	1	2	2	6	
11	5	2	0	2	9	6	2	6	0	7	2	6	4	
12	8	6	7	9	7	4	3	8	3	6	7	6	6	
13	5	7	3	10	5	6	8	9	****	3	2	3	6	
14	2	4	4	4	4	5	1	5	2	2	6	12	4	
15	9	8	4	11	16	12	3	6	4	11	12	8	9	
16	6	10	18	10	12	4	8	1	7	4	2	10	8	
17	6	7	5	4	8	7	4	3	3	10	6	2	5	
18	6	7	12	10	3	8	8	2	6	2	4	9	6	
19	12	12	16	15	15	4	4	2	6	9	6	12	9	
20	7	5	9	9	9	11	4	1	2	4	5	4	6	
21	8	9	7	8	2	5	2	2	8	1	3	5	5	
22	6	10	7	8	10	4	8	8	8	6	7	1	7	
23	2	0	5	2	4	2	5	4	10	4	7	1	4	
24	2	5	2	9	6	6	6	5	2	5	4	2	5	
25	6	5	4	5	6	10	9	****	3	5	2	5	5	
26	4	5	2	32	52	71	53	5	6	7	2	5	20	
27	2	4	2	1	2	6	5	4	5	3	4	6	4	
28	4	8	4	6	6	2	2	6	2	3	4	6	4	
29	3	2	2	5	6	7	4	4	10	2	1	2	4	
30	5	3	2	3	2	2	3	4	4	4	3	6	3	
MEAN	5	7	6	7	9	7	6	4	4	4	5	5	5.9	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015				SEWAGE PLT HWY 18/PROSPECT				WINDSOR		MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	4	2	5	6	8	2	5	4	8	0	6			
2	3	2	0	6	1	6	4	2	3	4	6	6			
3	8	8	11	6	7	2	3	3	4	6	4	3			
4	3	5	9	9	9	4	8	9	8	5	1	4			
5	6	4	1	3	4	4	8	5	4	6	0	2			
6	5	5	0	8	13	8	6	8	12	5	8	8			
7	7	5	5	1	4	4	1	4	2	4	4	7			
8	2	4	6	6	15	11	4	0	5	5	4	12			
9	4	6	4	6	2	9	6	4	3	2	6	2			
10	3	3	6	4	6	4	4	4	9	3	12	12			
11	6	7	2	7	5	4	2	4	3	3	3	0			
12	5	3	7	3	9	3	3	2	7	14	3	2			
13	3	4	2	5	5	3	2	5	4	0	1	0			
14	3	0	4	5	0	2	2	5	0	3	0	1			
15	7	0	0	8	8	13	5	5	5	8	4	7			
16	7	13	13	7	10	13	20	15	4	7	11	8			
17	1	2	4	5	6	4	3	2	3	8	3	1			
18	1	5	0	3	10	6	1	***	4	1	2	7			
19	7	2	5	5	2	7	4	5	3	5	1	2			
20	5	0	2	3	4	5	2	0	5	3	0	0			
21	2	2	7	0	6	3	14	9	5	2	7	2			
22	2	6	****	****	****	2	3	6	2	4	3	2			
23	8	3	0	6	8	3	13	3	8	6	7	10			
24	14	3	2	5	1	6	2	4	0	0	2	6			
25	0	5	5	1	2	2	4	3	3	4	3	5			
26	17	2	7	1	3	1	4	7	5	2	3	2			
27	2	5	4	5	0	11	11	3	5	7	3	1			
28	5	6	4	2	9	10	12	8	11	3	9	8			
29	5	6	9	9	9	7	5	11	2	2	2	2			
30	5	2	1	2	3	5	7	9	6	0	6	5			
31	17	15	11	15	21	22	9	16	7	7	8	8			
MEAN	5	4	4	5	6	6	6	6	5	4	4	5	5.0		

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	4.1	7	26
FEB	29	4.1	13	50
MAR	30	3.2	8	25
APR	24	3.1	8	19
MAY	15	3.0	7	15
JUN	29	3.2	8	16
JUL	22	3.8	5	15
AUG	30	3.5	7	17
SEP	30	4.5	9	25
OCT	31	4.1	8	19
NOV	30	5.9	20	71
DEC	31	5.0	13	22
YEAR	327	4.0	20	71

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	200	106	12	3	1	0	0	322
FEB	228	99	15	0	2	0	2	346
MAR	265	84	5	1	1	0	0	356
APR	211	72	7	2	0	0	0	292
MAY	132	36	6	0	0	0	0	174
JUN	251	85	11	1	0	0	0	348
JUL	169	88	10	0	0	0	0	267
AUG	259	87	15	2	0	0	0	363
SEP	218	112	15	4	2	0	0	351
OCT	241	106	18	3	0	0	0	368
NOV	171	150	26	5	1	1	3	357
DEC	189	147	26	4	2	0	0	368
YEAR	2534	1172	166	25	9	1	5	3912

FREQUENCY DISTRIBUTION BY PERCENTILES

DISTRIBUTION BY PERCENTILES				CONCENTRATIONS						MAX	ARITH MEAN
PERCENT OF DATA VALID	MIN	10	30	FREQUENCY 50	DISTRIBUTION, 70	PERCENT 90	95	98	99		
89.1	0	0.0	1.5	2.6	4.5	8.1	10.2	12.8	15.2	71	4.0

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032				MORTON DOCK BEDFORD/OJIBWAY				WINDSOR				MONTH - JAN 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN			
1	2	5	0	0	0	0	0	2	0	4	0	3				
2	4	0	0	3	0	4	2	2	5	3	0	0				
3	3	0	0	3	3	1	0	0	0	2	0	0				
4	0	3	0	0	0	0	3	0	7	0	3	2				
5	0	0	0	2	2	6	0	2	5	0	7	3				
6	7	5	0	5	2	0	2	3	3	0	0	0				
7	0	7	2	5	0	4	3	12	3	2	5	7				
8	3	7	7	2	3	2	0	0	0	2	0	4				
9	0	4	3	0	2	0	0	0	7	0	2	6				
10	0	1	2	1	2	0	0	2	0	5	0	3				
11	0	2	0	0	1	0	0	2	1	0	2	2				
12	0	0	2	2	2	0	7	3	0	2	0	3				
13	2	0	3	3	6	6	0	9	2	1	2	2				
14	0	0	6	0	2	0	5	1	0	0	3	6				
15	2	6	2	4	0	0	0	2	2	0	0	2				
16	4	4	2	7	1	3	0	***	2	8	2	4				
17	6	0	7	12	6	4	1	0	0	2	2	2				
18	6	6	4	3	5	3	0	1	0	1	3	4				
19	2	4	4	0	6	0	2	0	2	1	2	4				
20	2	0	4	4	4	1	3	2	4	2	3	1				
21	4	0	0	2	4	4	4	4	0	3	4	0				
22	3	3	6	4	1	5	9	2	6	8	6	4				
23	2	0	4	2	0	3	3	2	2	0	0	0				
24	2	0	0	4	4	2	4	6	2	0	2	0				
25	0	2	4	6	0	2	6	0	2	5	4	3				
26	0	6	0	6	3	5	1	3	0	4	2	2				
27	6	0	0	2	2	4	2	3	0	2	2	5				
28	3	8	3	4	2	0	2	3	9	3	3	4				
29	1	1	2	13	1	2	4	2	0	0	2	2				
30	0	3	0	0	3	0	****	2	3	4	4	2				
31	2	8	5	2	2	9	1	2	5	1	2	4				
MEAN	2	3	2	3	2	2	2	2	2	2	2	3	2.4			

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12032			MORTON DOCK BEDFORD/OJIBWAY			WINDSOR			MONTH - FEB 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	4	0	2	2	4	3	8	4	9	3		
2	2	3	2	2	5	2	0	0	3	2	4	0		
3	2	4	0	3	3	3	0	2	2	2	0	2		
4	1	7	2	2	2	3	0	7	7	3	0	2		
5	0	2	0	3	2	2	0	0	2	5	4	4		
6	3	5	2	6	9	***	1	2	0	1	2	2		
7	3	4	4	2	6	2	6	2	2	4	3	0		
8	5	0	2	0	0	2	2	0	5	3	5	6		
9	2	2	3	1	5	2	5	1	2	2	1	0		
10	0	2	3	0	0	2	3	1	2	5	2	0		
11	2	0	0	3	0	2	0	0	2	2	0	5		
12	2	2	4	5	2	3	0	5	4	4	2	0		
13	2	3	7	2	8	2	5	0	2	5	11	4		
14	0	2	0	0	3	2	2	3	0	0	0	2		
15	0	2	2	2	3	4	5	5	6	2	0	0		
16	4	0	1	0	0	2	3	0	2	0	2	0		
17	7	0	3	2	1	2	4	***	5	0	0	2		
18	0	5	0	3	0	1	0	0	1	0	2	0		
19	0	0	3	3	5	2	6	2	0	2	0	2		
20	7	0	3	2	5	0	5	0	2	0	5	4		
21	0	3	0	0	4	2	3	3	9	5	0	0		
22	3	3	2	11	3	3	2	0	4	4	4	0		
23	2	2	4	3	6	2	2	8	0	0	4	2		
24	0	4	2	0	3	0	0	2	2	4	3	2		
25	2	0	0	2	4	6	0	9	3	2	0	4		
26	10	2	2	3	3	3	2	***	6	2	1	2		
27	0	3	3	3	13	6	0	0	2	1	2	11		
28	4	2	0	7	0	0	2	0	0	0	0	2		
29	0	0	7	5	2	5	3	2	7	2	2	2		
MEAN	2	2	2	3	3	2	2	2	3	2	2	2	2	

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES								UNITS - 0.1 COMS/1000 FT					
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR								MONTH - MAR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	3	2	0	3	0	5	0	3	2
2	2	2	3	0	0	3	0	2	0	0	2	2	1
3	0	0	3	2	9	7	9	2	19	15	10	5	7
4	3	1	0	0	0	3	0	5	2	0	6	8	2
5	0	5	6	2	0	0	2	1	0	0	3	3	2
6	0	2	0	1	0	3	1	3	0	4	2	0	1
7	2	1	2	0	2	3	0	3	0	2	3	4	2
8	2	3	0	0	1	7	2	0	7	0	5	0	2
9	1	0	4	0	0	0	0	****	2	0	2	4	1
10	3	5	3	2	9	7	6	4	3	0	5	2	4
11	2	4	5	0	6	2	5	2	6	2	0	0	3
12	0	0	0	5	2	5	3	3	5	0	4	0	2
13	0	2	0	3	5	2	7	2	4	5	3	3	3
14	3	2	2	4	2	2	5	0	0	0	2	3	2
15	0	2	2	3	2	3	3	1	0	0	5	3	2
16	5	0	1	4	9	2	7	2	4	2	0	5	3
17	7	3	2	0	0	2	0	0	2	2	5	0	2
18	3	3	3	2	4	3	***	3	4	3	3	7	3
19	0	1	2	2	2	2	3	2	0	4	3	0	2
20	3	2	9	0	3	1	2	3	2	0	1	3	2
21	3	0	1	0	0	0	0	0	2	2	3	2	1
22	1	0	3	1	1	1	7	3	1	2	0	3	2
23	1	1	2	0	6	2	8	4	0	4	2	2	3
24	2	1	3	0	1	1	2	0	1	1	0	1	1
25	4	0	0	3	4	3	0	1	0	0	2	3	2
26	6	1	2	0	3	2	3	****	0	0	2	3	2
27	1	1	0	0	1	2	0	0	0	1	0	0	1
28	0	0	0	3	2	0	1	0	3	1	2	0	1
29	0	2	0	1	3	1	2	1	0	2	3	0	1
30	5	0	3	3	0	2	0	1	4	3	0	2	2
31	2	0	0	0	0	3	1	3	4	3	1	2	2
MEAN	2	1	2	1	3	2	3	2	2	2	3	2	2.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES								UNITS - 0.1 COMS/1000 FT					
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR								MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	0	3	0	0	0	2	4	0	0	0	1
2	0	3	0	3	3	2	2	0	5	3	3	0	2
3	0	1	0	2	2	1	0	0	2	0	7	0	1
4	2	0	0	2	0	1	2	0	1	1	2	0	1
5	2	3	5	3	0	2	0	1	2	0	2	2	2
6	3	3	5	1	9	5	4	3	2	0	0	1	3
7	1	7	6	9	4	3	2	0	2	0	0	2	3
8	2	0	1	4	0	2	2	0	1	3	0	0	1
9	2	2	1	3	4	3	7	2	0	3	2	5	3
10	0	1	3	9	5	0	2	2	3	3	0	3	3
11	0	0	2	2	2	0	2	0	0	0	0	0	1
12	3	11	11	9	5	2	2	0	5	0	2	9	5
13	1	1	0	2	7	2	0	7	0	3	3	2	2
14	0	3	7	10	6	2	5	0	2	3	7	3	4
15	0	3	5	5	5	0	5	2	0	0	2	2	2
16	2	5	2	0	5	0	0	0	0	0	7	4	2
17	2	0	0	2	2	2	0	2	0	3	2	3	2
18	5	4	3	0	2	0	2	2	2	5	3	5	3
19	2	2	2	0	3	2	0	3	2	2	2	7	2
20	2	2	0	2	2	3	2	0	2	2	0	0	1
21	0	2	0	3	3	3	3	2	0	2	3	3	2
22	3	0	2	2	0	4	0	2	4	2	0	0	2
23	0	2	13	6	4	***	0	7	0	2	0	4	3
24	2	0	2	0	0	0	3	0	3	0	0	0	1
25	2	0	2	0	5	0	0	2	0	0	0	0	1
26	2	2	3	11	11	0	2	0	11	7	4	3	5
27	0	2	0	4	3	0	3	2	4	2	5	7	3
28	2	5	1	5	3	2	3	2	7	0	4	3	3
29	6	2	2	4	6	3	5	1	0	5	0	4	3
30	0	2	3	6	2	2	5	2	4	3	2	3	3
MEAN	2	2	3	4	3	2	2	2	2	2	2	3	2.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032	MORTON DOCK	BEDFORD/OJIBWAY	WINDSOR	MONTH - MAY	76									
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	3	7	0	5	5	0	1	5	0	2	3	3	
2	1	8	3	3	1	5	0	5	0	2	2	3	3	
3	3	0	0	0	5	2	0	0	0	3	0	4	1	
4	0	5	0	7	4	2	7	2	0	3	4	1	3	
5	2	3	2	0	3	2	0	4	0	6	3	7	3	
6	2	2	0	3	0	4	3	3	0	0	0	1	2	
7	0	7	5	5	2	3	2	7	0	7	3	9	4	
8	3	2	3	3	0	3	0	0	2	3	2	2	2	
9	0	3	0	2	3	0	5	0	2	0	2	4	2	
10	3	0	5	3	3	3	0	2	2	0	0	4	2	
11	3	5	0	9	7	2	5	3	2	3	5	0	4	
12	0	3	7	0	7	3	5	0	2	3	3	0	3	
13	0	7	2	1	7	0	2	0	5	2	2	0	2	
14	4	2	5	5	5	3	1	3	2	0	1	2	3	
15	3	3	5	3	3	1	3	0	5	0	3	2	3	
16	3	1	2	0	3	3	5	0	2	1	0	0	2	
17	0	5	0	7	0	3	5	3	3	3	0	0	2	
18	5	0	0	2	0	1	2	5	5	0	3	1	2	
19	3	2	9	11	0	5	1	5	5	2	0	3	4	
20	5	2	5	0	5	0	4	0	3	1	2	0	2	
21	3	5	7	2	9	3	0	0	0	5	0	0	3	
22	5	5	4	3	2	2	2	2	4	2	0	2	3	
23	2	1	4	0	0	0	0	2	1	0	2	1	1	
24	0	3	0	2	3	0	0	2	3	2	2	0	1	
25	4	0	1	5	2	0	0	0	0	0	0	3	1	
26	0	3	5	3	5	2	2	5	5	3	0	1	3	
27	3	3	4	9	9	****	3	5	3	2	1	2	4	
28	3	2	2	1	3	3	7	2	2	0	0	3	2	
29	3	1	1	1	0	5	2	3	2	3	3	2	2	
30	2	1	1	1	1	3	3	2	3	5	0	1	2	
31	0	3	0	9	5	3	3	0	2	0	5	5	3	
MEAN	2	3	3	3	3	2	2	2	2	2	2	2	2.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032	MORTON DOCK	BEDFORD/OJIBWAY	WINDSOR	MONTH - JUN	76									
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	3	2	4	2	7	0	3	5	0	0	1	3	
2	2	0	5	5	0	0	0	1	0	3	0	3	2	
3	0	0	4	3	0	0	2	3	0	5	0	3	2	
4	6	7	5	7	0	3	4	1	0	1	5	3	4	
5	0	3	2	0	7	3	2	0	0	3	5	6	3	
6	3	9	9	9	5	0	2	0	3	2	3	5	4	
7	3	3	6	5	11	5	***	2	7	0	9	0	5	
8	0	2	3	9	5	5	5	7	3	1	5	3	4	
9	9	0	12	12	9	3	5	0	3	3	5	2	5	
10	0	0	0	3	0	2	3	5	0	2	0	3	2	
11	2	3	7	2	2	2	0	0	2	7	0	5	3	
12	0	2	2	0	0	2	0	2	2	2	0	0	1	
13	0	0	2	0	0	5	3	7	3	0	2	3	2	
14	0	3	3	2	7	5	7	0	5	2	0	9	4	
15	2	0	3	0	4	2	***	2	0	0	0	0	1	
16	2	3	0	3	3	3	0	3	2	0	0	0	1	
17	0	2	2	9	3	2	1	3	3	0	2	2	2	
18	0	0	2	2	2	0	2	5	2	0	2	2	2	
19	0	0	0	0	2	5	0	3	0	2	2	2	2	
20	0	7	6	3	5	5	0	0	2	0	5	3	2	
21	0	0	5	0	5	0	2	1	2	0	1	0	1	
22	0	0	0	0	3	0	***	2	7	0	0	3	1	
23	2	0	4	0	5	5	0	3	2	0	0	3	2	
24	3	5	2	0	0	2	2	0	0	5	0	5	2	
25	0	0	1	2	0	2	0	0	0	0	7	0	1	
26	3	2	2	5	0	0	3	0	0	0	0	2	1	
27	2	3	3	4	0	0	3	0	0	3	0	3	2	
28	3	5	3	2	3	0	0	3	0	7	2	3	3	
29	0	5	3	0	3	3	0	3	2	2	2	2	2	
30	3	0	0	0	0	0	2	0	2	4	0	0	1	
MEAN	2	2	3	3	3	2	2	2	2	2	3	2.3		

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COMS/1000 FT			
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR										MONTH - JUL 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	7	2	3	3	2	2	5	2	3	5	2	3
2	7	2	7	0	2	0	4	3	0	1	2	3	3
3	0	2	0	5	6	0	4	1	3	1	0	0	2
4	4	0	1	0	0	2	0	0	2	0	2	2	1
5	0	3	3	2	2	3	0	4	3	0	0	4	2
6	7	2	0	7	4	2	2	6	4	4	2	2	4
7	4	5	4	0	5	3	4	2	2	0	2	0	3
8	2	0	6	5	2	***	2	4	0	2	5	3	3
9	0	-	-	****	****	****	****	****	****	****	****	****	****
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14							- DATA INVALID -						
15	8	2	3	3	7	0	2	0	0	4	3	2	3
16	0	4	0	6	4	3	***	4	5	4	6	0	3
17	2	2	2	3	5	0	0	4	4	2	2	2	2
18	2	2	0	2	5	2	2	2	0	2	0	2	2
19	0	4	2	2	2	1	2	0	1	2	0	2	2
20	2	2	3	7	5	2	2	2	3	3	3	0	3
21	1	0	1	2	0	2	2	0	2	3	2	0	1
22	0	3	3	3	****	5	0	0	0	2	3	0	2
23	0	2	2	5	2	3	4	0	4	2	2	2	2
24	9	2	0	6	6	7	5	0	0	6	2	0	4
25	2	2	5	3	3	3	3	2	0	0	1	0	2
26	0	2	0	3	2	0	2	4	0	2	0	0	1
27	5	2	0	3	5	4	0	0	0	4	4	2	2
28	3	0	2	1	3	0	4	3	0	3	2	5	2
29	0	2	2	0	5	0	3	7	11	7	1	1	3
30	2	2	3	4	2	4	9	7	3	3	0	3	4
31	0	6	0	7	2	5	7	2	2	0	0	2	3
MEAN	2	2	2	3	3	2	3	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 80.1

PERCENTAGE OF DATA INVALID - 38.6

PERCENTAGE OF DATA UNAVAILABLE --16.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COMS/1000 FT			
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR										MONTH - AUG 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	5	0	3	0	6	2	0	2	0	1	3	2
2	4	5	2	3	3	2	3	4	0	2	2	2	3
3	3	5	9	9	2	0	2	0	2	5	0	2	3
4	2	2	4	5	7	0	5	0	0	4	1	2	3
5	1	3	3	3	7	6	***	2	0	2	2	0	3
6	3	2	0	1	1	2	3	2	2	0	2	2	2
7	3	2	5	0	0	0	0	0	0	0	1	5	1
8	6	4	6	2	5	2	7	4	2	2	0	2	4
9	1	3	0	9	10	3	2	2	3	0	2	0	3
10	1	2	5	8	10	6	4	0	1	1	4	0	4
11	0	2	5	4	0	1	3	1	2	2	5	2	2
12	2	7	4	1	6	6	0	0	2	4	4	3	3
13	3	2	0	4	2	2	6	2	2	3	2	3	3
14	0	2	2	1	0	0	2	4	4	3	2	2	2
15	1	2	3	3	0	0	3	2	1	0	2	0	2
16	2	2	3	6	3	2	3	0	3	4	2	3	2
17	4	10	9	7	8	2	***	2	2	4	2	3	3
18	5	4	3	10	15	10	7	0	4	0	3	2	4
19	2	0	2	5	3	1	3	4	4	4	0	2	5
20	0	1	2	7	8	2	3	0	2	0	3	3	2
21	3	2	3	4	10	5	3	3	0	4	2	5	4
22	3	2	6	6	11	3	3	2	2	2	3	5	4
23	4	0	1	8	8	3	2	***	3	0	2	2	3
24	5	2	0	0	4	2	1	4	0	2	2	0	2
25	2	7	3	3	0	3	2	5	2	3	4	1	3
26	3	0	3	6	8	5	2	3	4	2	2	4	4
27	2	3	3	4	0	5	3	3	2	4	2	2	3
28	4	1	4	4	6	0	1	2	2	1	1	4	3
29	2	2	2	2	5	2	5	0	1	8	0	4	3
30	0	5	8	3	1	2	3	2	3	2	0	4	3
31	0	2	2	4	7	1	2	1	3	3	5	2	3
MEAN	2	3	3	4	5	3	3	2	2	2	2	2	2.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12032				MORTON DOCK BEDFORD/OJIBWAY				WINDSOR		MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	5	0	7	3	3	3	1	2	4	2	1	0	3		
2	0	3	3	4	0	2	1	3	0	2	0	1	2		
3	4	1	2	4	3	3	2	1	0	2	3	2	2		
4	3	2	2	6	3	3	2	2	2	3	5	2	3		
5	4	4	2	5	0	0	0	1	1	0	2	2	2		
6	2	1	4	4	3	0	2	2	0	3	3	0	2		
7	3	2	0	6	4	0	2	2	2	3	1	3	2		
8	6	6	3	9	4	2	0	2	2	3	2	3	4		
9	4	6	5	2	6	1	3	2	6	7	2	5	4		
10	0	1	2	1	2	2	2	3	7	2	2	2	2		
11	2	0	1	2	2	0	1	3	0	2	0	3	1		
12	2	2	1	2	0	0	3	0	2	0	3	0	1		
13	2	4	0	2	2	1	0	2	3	2	2	3	2		
14	2	3	3	7	5	2	0	2	2	1	3	4	3		
15	3	1	3	3	2	2	3	2	2	1	1	3	2		
16	0	2	2	2	3	2	4	5	2	6	1	3	3		
17	1	4	2	4	2	5	2	5	***	2	7	11	4		
18	8	4	5	7	4	2	2	0	3	5	2	2	4		
19	2	7	3	2	9	0	7	0	3	2	3	3	3		
20	0	4	3	4	1	8	2	2	1	2	2	2	3		
21	4	5	0	8	1	0	3	0	4	1	2	0	2		
22	0	2	4	2	0	1	3	2	0	2	3	1	2		
23	0	2	0	5	2	2	2	1	3	1	5	2	2		
24	2	4	2	7	1	0	****	1	3	0	1	3	2		
25	7	5	2	4	2	3	0	0	5	5	0	3	3		
26	0	2	3	2	3	2	1	0	3	0	0	0	3		
27	4	0	3	3	2	6	2	5	2	1	3	0	3		
28	2	5	1	6	2	3	0	0	0	3	2	0	2		
29	0	8	2	3	6	2	1	2	2	4	1	4	3		
30	3	4	8	6	15	2	7	2	5	5	4	3	5		
MEAN	3	3	3	4	3	2	2	2	2	2	2	2	2.5		

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12032				MORTON DOCK		BEDFORD/OJIBWAY		WINDSOR		MONTH - OCT		76		
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	2	10	2	2	****	3	1	4	3		
2	2	2	4	6	8	5	2	2	3	3	3	4		
3	5	5	9	7	4	2	2	5	0	3	3	4		
4	4	2	1	3	5	0	0	2	0	2	2	8		
5	0	2	0	3	5	0	1	2	0	5	3	3		
6	3	3	1	0	0	3	2	5	0	3	3	3		
7	0	6	2	0	6	2	2	2	11	1	3	5		
8	0	3	2	2	1	2	3	0	0	2	2	3		
9	0	3	2	2	5	2	2	0	2	0	1	3		
10	2	1	2	3	2	2	2	0	0	3	0	3		
11	0	0	1	0	2	3	3	4	1	5	3	2		
12	2	2	3	2	0	5	2	1	2	6	0	6		
13	5	2	2	7	9	3	2	2	0	0	2	2		
14	4	0	0	5	4	0	1	1	2	3	0	3		
15	0	3	2	0	3	2	****	3	1	2	2	0		
16	1	8	2	0	9	0	4	2	5	2	4	2		
17	0	6	7	2	9	2	3	8	0	2	0	1		
18	5	8	6	11	11	0	4	3	4	0	5	2		
19	1	2	0	3	2	2	3	0	3	2	0	2		
20	3	4	4	5	7	4	3	4	5	2	7	0		
21	3	3	3	5	6	3	****	-	-	-	-	-	*****	
22	-	-	-	-	-	-	-	2	1	3	3	7	*****	
23	2	1	2	3	4	3	3	1	3	0	0	1		
24	1	2	2	2	0	0	4	4	2	3	0	2		
25	0	4	3	2	0	3	0	1	0	3	3	6		
26	2	3	2	3	6	2	0	0	2	3	2	1		
27	0	2	3	2	4	1	3	0	2	3	7	2		
28	3	2	7	7	3	1	5	1	2	3	3	9		
29	5	2	0	3	2	3	3	****	5	2	1	3		
30	2	2	5	1	3	5	5	5	7	2	1	2		
31	0	1	6	4	7	2	1	3	0	5	3	3		
MEAN	2	3	3	3	5	2	2	2	2	3	2	3	2.7	

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - SW NO 12032			MORTON DOCK BEDFORD/OJIBWAY			WINDSOR			MONTH - NOV 76			MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	9	11	10	7	23	9	1	0	2	2	2	3	7
2	2	2	3	4	4	4	2	1	2	7	3	5	3
3	9	1	2	9	3	1	4	0	4	2	3	3	3
4	4	1	9	0	4	2	3	3	3	2	0	3	3
5	5	0	3	2	2	5	0	0	3	0	2	2	2
6	0	2	2	3	3	2	2	0	2	2	2	0	2
7	2	2	1	0	3	2	5	3	2	4	5	4	3
8	6	2	3	2	2	6	4	5	0	1	0	3	3
9	1	3	1	0	3	2	****	6	3	4	2	3	3
10	2	5	2	0	3	1	1	2	4	7	1	5	3
11	3	6	2	3	8	9	2	0	2	2	7	2	4
12	2	3	4	5	4	4	0	2	1	0	5	0	3
13	2	8	0	4	0	2	0	0	4	3	0	3	2
14	3	2	0	4	2	2	2	1	3	5	2	5	3
15	3	6	2	5	9	3	0	5	4	8	4	2	4
16	3	3	5	6	7	5	2	4	2	1	2	3	4
17	6	4	6	3	6	2	2	3	3	2	5	3	4
18	9	1	5	2	0	2	3	0	1	2	0	7	3
19	2	5	2	0	6	0	1	****	7	3	0	5	3
20	1	7	0	2	5	8	3	2	2	0	4	1	3
21	3	6	2	4	3	3	3	2	4	1	3	2	3
22	0	4	2	1	0	0	0	2	2	2	1	0	1
23	2	0	3	3	0	0	0	2	0	0	3	2	1
24	4	2	2	0	8	3	2	1	3	0	5	0	3
25	4	0	5	5	5	0	5	3	****	0	2	0	3
26	4	3	5	0	0	2	3	0	2	1	2	1	2
27	1	2	1	2	0	1	0	1	3	2	1	0	1
28	0	2	0	0	0	0	2	1	1	2	0	3	1
29	4	2	0	1	2	3	4	1	1	4	3	1	2
30	2	0	1	0	2	5	0	2	2	1	3	2	2
MEAN	3	3	3	3	4	3	2	2	2	2	2	2	2.7

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - SW NO 12032			MORTON DOCK BEDFORD/OJIBWAY			WINDSOR			MONTH - DEC 76			MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	2	2	3	1	2	4	2	4	2	2	2
2	1	2	2	1	3	1	4	4	0	8	2	5	3
3	2	2	2	3	4	0	0	3	0	0	2	2	2
4	1	6	2	8	2	2	2	2	3	3	0	2	3
5	4	2	1	2	4	1	3	0	2	2	4	7	3
6	0	0	3	2	4	9	7	3	5	6	9	6	5
7	7	8	8	9	2	****	1	0	2	2	4	2	4
8	2	12	15	8	7	9	3	3	2	2	0	3	6
9	2	2	4	2	2	6	1	2	1	3	2	2	2
10	2	2	3	0	2	3	3	****	2	4	0	1	2
11	0	2	2	2	0	0	2	1	2	2	4	1	2
12	4	2	3	4	1	3	2	1	1	2	6	4	3
13	2	3	5	3	3	5	1	2	0	2	3	0	2
14	2	3	0	2	2	3	4	5	6	4	4	4	3
15	6	2	3	4	2	8	2	5	6	4	7	4	4
16	0	8	6	4	6	13	13	9	6	2	8	0	6
17	2	1	4	1	6	2	3	5	23	3	6	4	5
18	3	1	3	7	2	3	2	3	1	6	2	0	3
19	2	2	0	4	7	2	4	2	4	4	4	6	3
20	3	5	3	0	5	4	2	3	2	10	2	8	4
21	0	6	3	2	4	2	6	2	3	0	4	4	3
22	2	3	1	3	0	1	0	3	3	0	3	2	2
23	2	2	2	1	2	1	0	6	2	0	2	1	2
24	2	2	2	3	3	2	1	2	1	0	0	2	2
25	1	0	2	3	1	0	4	2	2	2	2	2	2
26	2	1	3	2	3	1	4	0	8	3	2	2	3
27	3	0	2	1	3	0	0	2	2	3	5	2	2
28	1	3	2	3	4	2	4	0	2	1	0	0	2
29	2	2	1	2	2	1	0	2	0	4	2	2	2
30	1	2	1	2	5	2	4	2	3	10	5	0	3
31	3	3	2	2	2	2	0	0	4	4	2	0	2
MEAN	2	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.4	5	13
FEB	29	2.4	4	13
MAR	31	2.1	7	19
APR	30	2.3	5	13
MAY	31	2.4	4	11
JUN	30	2.3	5	12
JUL	25	2.4	4	11
AUG	31	2.8	5	15
SEP	30	2.5	5	15
OCT	29	2.7	5	11
NOV	30	2.7	7	23
DEC	31	2.9	6	23
YEAR	358	2.5	7	23

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	311	56	3	0	0	0	0	370
FEB	289	52	4	0	0	0	0	345
MAR	323	44	1	1	0	0	0	369
APR	303	50	6	0	0	0	0	359
MAY	298	72	1	0	0	0	0	371
JUN	289	65	3	0	0	0	0	357
JUL	252	45	1	0	0	0	0	298
AUG	301	66	2	0	0	0	0	369
SEP	305	51	2	0	0	0	0	358
OCT	290	63	3	0	0	0	0	356
NOV	294	61	1	0	1	0	0	357
DEC	311	54	4	0	1	0	0	370
YEAR	3566	679	31	1	2	0	0	4279

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.4	0	0.0	0.7	1.7	2.7	4.9	6.5	8.4	9.3	23	2.5

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION -		NO 15003		362 DUNDAS ST LONDON				MONTH - JAN		76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	2	0	0	2	0	1	2	0	2	1
2	3	0	2	3	3	2	3	9	3	3	0	3	3
3	5	2	0	5	2	0	0	0	2	0	4	0	2
4	5	0	0	7	0	0	0	1	0	2	0	0	1
5	0	0	3	0	3	2	0	0	5	0	2	2	1
6	0	2	3	4	1	2	2	3	6	2	2	2	2
7	5	5	3	2	3	3	2	2	2	0	0	1	2
8	3	2	0	4	2	2	0	5	2	0	1	0	2
9	2	5	2	1	4	****	5	1	5	0	4	0	3
10	8	2	3	3	3	2	4	0	0	9	2	4	3
11	1	2	3	7	5	3	4	8	4	0	7	5	4
12	4	0	2	6	2	0	3	0	4	0	5	1	2
13	3	5	0	3	3	8	12	7	5	0	2	3	4
14	0	3	0	3	2	0	4	2	4	11	2	0	3
15	0	0	1	1	2	3	0	3	2	0	2	0	1
16	3	0	2	0	2	4	0	2	1	3	0	2	2
17	2	5	4	6	2	2	8	4	3	12	5	4	5
18	3	2	5	8	13	4	5	0	2	3	4	2	4
19	5	6	2	1	0	****	0	2	1	6	4	2	3
20	0	4	4	2	4	3	0	0	4	5	3	0	2
21	6	2	1	0	3	0	1	4	5	4	0	4	3
22	0	2	3	2	0	2	0	2	2	2	0	0	1
23	5	1	0	8	0	2	5	0	0	2	2	6	3
24	1	0	1	2	0	0	3	3	2	6	1	6	2
25	2	2	2	10	0	2	9	5	2	6	6	4	4
26	8	4	6	3	6	2	2	2	0	4	0	2	3
27	0	4	0	0	0	3	2	4	4	0	0	6	2
28	4	1	0	0	5	6	2	2	8	2	0	7	3
29	1	10	3	2	2	0	2	0	0	2	1	2	2
30	5	2	0	5	2	5	2	1	0	1	0	1	2
31	4	4	1	3	4	2	****	****	****	****	****	****	2.5
MEAN	3	3	2	3	3	2	3	2	3	3	2	2	

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION -		NO 15003		362 DUNDAS ST LONDON				MONTH - FEB		76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3	-	-	-	-	****	0	0	6	7	5	5	4	*****
4	4	4	2	2	0	2	2	****	****	****	****	****	*****
5													
6													
7													
8													
9													
10	0	2	0	0	2	5	0	8	0	4	3	2	2
11	2	5	2	3	2	0	2	0	1	0	2	4	2
12	4	2	0	1	2	0	4	2	0	1	5	0	2
13	0	0	0	0	2	4	3	2	0	4	1	0	1
14	4	1	2	4	0	0	4	****	****	****	****	****	*****
15													
16	****	****	****	****	****	****	0	4	0	2	0	3	*****
17													
18													
19													
20	****	****	****	****	****	****	3	2	4	0	6	4	*****
21	4	0	4	3	6	4	3	4	0	3	3	3	3
22	2	0	7	0	0	4	9	4	1	3	5	5	3
23	5	3	5	****	0	0	0	6	4	2	2	3	3
24	0	0	4	0	2	0	3	4	6	2	0	7	2
25	0	0	4	5	5	2	3	4	7	1	2	1	3
26	1	3	5	3	3	6	10	10	5	2	3	7	5
27	3	****	****	****	****	****	****	****	****	****	****	****	*****
28													
29													
30													
31													
MEAN	2	2	3	2	2	2	3	4	3	2	3	3	2.6

PERCENTAGE OF DATA VALID - 44.0

PERCENTAGE OF DATA INVALID - 89.7

PERCENTAGE OF DATA UNAVAILABLE --33.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1													
2													
3													
4													
5													
6													
7													
8													
9	0	0	2	3	3	3		3	0	1	7	0	*****
10	2	2	4	3	0	2	6	7	2	2	6	0	3
11	0	0	0	3	0	0	0	0	0	2	2	4	1
12	0	0	3	7	2	2	8	2	3	3	3	5	3
13	0	0	5	0	1	0	2	4	0	4	1	5	2
14	0	0	0	0	3	2	0	2	0	2	0	0	1
15	3	3	0	3	6	0	0	3	1	7	0	5	3
16	3	4	3	9	0	3	5	3	0	2	2	0	3
17	0	2	0	3	0	3	4	0	0	0	2	6	2
18	0	2	5	0	0	3	5	1	9	6	0	0	3
19	3	0	2	0	6	0	0	5	6	2	0	2	2
20	5	0	4	2	3	7	0	0	0	0	0	0	2
21	2	9	0	2	2	2	2	0	0	2	3	2	2
22	0	0	0	2	0	0	4	4	1	0	2	2	1
23	3	2	4	6	3	6	5	2	3	1	3	3	3
24	2	3	6	7	4	8	13	6	7	0	0	0	5
25	5	0	0	6	7	0	0	2	7	0	0	5	2
26	2	2	0	4	4	6	3	4	2	5	2	0	3
27	3	3	1	3	6	0	0	0	2	3	2	0	2
28	5	2	0	1	0	0	0	2	4	2	4	2	2
29	2	5	2	3	3	4	7	9	4	8	3	0	4
30	2	3	0	3	3	2	3	5	8	3	4	0	3
31	2	0	0	3	0	0	5	5	3	5	3	0	2
MEAN	2	2	2	3	2	2	3	3	2	3	2	2	2.4

PERCENTAGE OF DATA VALID - 75.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 24.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	2	2	9	4	0	2	2	3	2	0	0	2
2	0	0	2	5	0	5	3	5	0	2	0	3	2
3	0	3	2	3	3	5	2	0	4	1	0	0	2
4	4	0	2	2	2	0	2	2	2	0	0	1	1
5	0	0	5	3	3	***	0	2	0	0	0	3	1
6	2	5	2	2	3	0	2	1	0	0	3	3	2
7	4	4	0	1	3	2	3	3	0	6	2	0	2
8	2	5	0	0	0	0	2	0	0	5	0	6	2
9	0	0	3	2	0	5	1	3	2	7	0	1	2
10	0	6	5	0	4	7	3	5	2	2	4	0	3
11	0	1	3	3	0	0	0	0	0	2	***	***	1
12	***	***	***	***	***	0	5	0	2	2	4	0	*****
13	5	4	5	0	3	2	0	4	5	4	4	4	3
14	5	5	4	11	6	5	3	3	5	7	4	3	5
15	9	2	2	9	6	7	6	6	6	0	6	0	5
16	3	4	5	3	3	5	3	3	5	4	3	4	4
17	4	3	6	2	2	5	2	0	4	0	4	2	3
18	0	6	2	2	5	2	0	2	0	0	2	0	2
19	4	0	3	3	9	2	0	3	0	2	0	6	3
20	2	2	0	1	2	0	0	0	2	7	3	2	2
21	5	5	3	7	2	9	2	0	7	2	4	0	4
22	3	0	3	2	0	2	0	5	2	0	2	2	2
23	0	0	2	0	3	3	0	3	2	2	5	2	2
24	0	3	3	3	3	1	3	0	6	0	5	0	2
25	0	2	0	3	0	3	2	0	5	0	3	2	2
26	0	0	3	1	4	0	0	2	3	0	5	0	2
27	0	3	0	0	0	0	0	3	0	3	0	5	1
28	0	4	3	0	3	0	4	0	0	2	0	2	2
29	4	0	0	2	0	2	0	2	2	2	5	5	2
30	5	13	7	13	7	0	4	2	2	0	1	0	5
MEAN	2	3	3	3	3	2	2	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
HOUR DAY	STATION -												MONTH - MAY 76	
	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	4	6	2	5	5	2	6	5	5	4	
2	3	0	3	7	5	3	2	4	0	5	3	0	3	
3	0	2	0	0	5	2	5	2	3	0	0	0	2	
4	2	0	1	0	3	2	2	4	2	0	2	2	2	
5	0	3	0	3	3	2	5	6	3	0	2	5	3	
6	0	2	0	5	3	0	7	0	1	2	1	0	2	
7	3	0	3	0	2	0	2	2	0	3	0	1	1	
8	3	2	2	2	3	2	0	4	0	2	1	4	2	
9	2	2	2	1	4	0	5	0	2	3	4	2	2	
10	2	2	4	2	3	6	2	7	2	0	5	2	3	
11	5	5	0	0	4	3	0	3	3	4	2	0	2	
12	6	2	3	8	5	6	0	2	2	2	1	3	4	
13	***	***	***	***	4	0	2	3	5	3	1	3	3	
14	3	7	5	2	2	6	2	6	2	2	8	6	4	
15	4	3	2	3	4	2	4	2	4	2	2	3	3	
16	0	2	0	0	1	0	4	4	6	4	0	0	2	
17	2	0	2	2	***	0	0	3	0	0	0	0	1	
18	1	0	0	0	0	4	1	0	0	1	0	2	1	
19	2	2	0	1	3	1	0	2	0	1	5	3	2	
20	2	0	5	4	7	2	5	2	4	2	3	6	4	
21	1	3	2	0	0	0	1	0	2	0	0	0	1	
22	2	0	2	2	3	0	3	6	0	0	2	0	2	
23	0	0	0	2	3	0	0	0	2	2	0	2	1	
24	3	3	1	2	0	***	0	4	0	3	4	4	2	
25	3	3	0	3	2	8	1	1	0	0	0	0	2	
26	0	0	0	1	2	0	0	0	0	2	2	4	1	
27	0	1	3	7	2	2	0	2	0	0	8	8	2	
28	5	2	8	10	0	2	0	2	3	1	1	6	3	
29	2	5	2	0	1	3	2	2	1	1	2	1	2	
30	2	3	0	0	1	1	3	5	4	3	6	4	3	
31	1	1	2	2	2	***	2	0	0	0	3	0	1	
MEAN	2	2	2	2	3	2	2	3	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
HOUR DAY	STATION -												MONTH - JUN 76	
	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	4	5	2	0	6	3	0	2	2	2	
2	5	3	2	3	1	7	2	0	3	0	2	0	2	
3	4	0	4	3	0	0	2	3	1	1	1	5	2	
4	5	10	4	10	0	2	0	0	0	2	2	0	3	
5	3	2	2	4	8	8	2	2	4	4	3	7	4	
6	0	2	2	3	2	5	2	0	1	0	2	2	2	
7	0	0	0	4	0	2	2	2	2	3	3	5	2	
8	2	0	1	1	3	1	2	0	0	0	1	3	1	
9	4	2	0	3	4	4	0	2	2	1	2	4	2	
10	0	2	0	5	0	7	6	4	0	3	2	5	3	
11	4	1	3	4	5	2	1	0	2	1	2	2	2	
12	5	0	1	1	2	3	4	1	0	0	0	1	2	
13	0	0	1	0	0	2	4	1	3	6	6	2	2	
14	0	0	2	3	0	3	3	5	1	2	3	3	2	
15	2	4	1	4	2	0	3	1	2	1	3	1	2	
16	0	0	2	2	1	4	3	0	2	2	0	0	1	
17	2	2	2	6	2	5	3	3	2	7	0	5	3	
18	1	0	0	7	3	2	3	2	1	4	0	1	2	
19	0	1	2	1	2	6	2	2	1	2	0	2	2	
20	3	2	1	3	0	2	0	0	2	2	2	2	2	
21	0	1	1	3	2	***	1	1	0	2	1	2	1	
22	1	1	0	2	4	0	1	2	3	0	2	5	2	
23	5	5	5	12	4	3	0	2	2	2	0	4	4	
24	3	6	4	5	5	0	1	1	1	0	3	1	3	
25	0	0	2	0	0	1	0	2	1	1	0	2	1	
26	1	3	2	2	1	0	1	1	0	0	0	3	1	
27	1	2	2	2	0	0	2	0	0	3	1	0	1	
28	0	0	2	2	***	1	0	1	1	1	1	2	1	
29	0	2	0	3	2	4	0	1	0	2	2	2	2	
30	0	1	1	0	1	0	0	0	0	0	6	3	1	
MEAN	2	2	2	3	2	3	2	2	1	2	2	3	2.0	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -		NO 15003		362 DUNDAS ST LONDON		MONTH - JUL		76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	0	1	0	0	0	1	2	0	0	1	1	1		
2	1	0	2	1	1	1	2	0	2	1	0	1	1		
3	3	2	0	0	1	1	0	2	2	0	0	1	1		
4	0	1	0	0	0	0	0	2	2	0	0	1	1		
5	1	1	0	1	2	0	4	4	0	0	1	1	1		
6	2	5	0	4	4	0	0	4	0	3	0	3	2		
7	5	2	3	2	7	7	0	0	7	5	6	3	3		
8	0	0	2	2	5	0	2	2	0	3	0	2	3		
9	0	0	2	0	0	0	1	3	0	2	4	2	2		
10	0	0	2	6	1	5	2	0	2	0	2	4	1		
													2		
11	4	0	2	4	1	2	2	2	0	2	4	0	2		
12	0	0	2	3	2	1	0	2	0	2	0	2	2		
13	0	2	0	0	****	6	0	0	2	0	0	2	1		
14	0	1	1	5	7	2	2	0	2	0	0	2	1		
15	6	0	4	2	2	6	5	5	2	2	2	7	2		
16	0	0	0	2	8	0	1	4	0	0	0	2	4		
17	2	2	4	2	1	0	2	2	2	0	3	0	2		
18	0	2	3	2	0	0	7	2	0	2	3	2	2		
19	0	0	0	3	0	0	****	1	3	5	1	0	1		
20	7	2	2	3	2	3	2	2	2	2	5	0	3		
21	3	0	2	4	2	6	3	2	0	5	2	5	3		
22	3	2	0	1	2	2	0	0	2	2	5	2	2		
23	0	5	2	4	7	3	0	3	2	0	4	2	3		
24	0	2	0	2	0	0	0	2	4	0	2	2	2		
25	0	3	5	2	3	0	2	0	0	2	2	0	1		
26	4	0	0	0	****	0	2	0	2	2	3	0	2		
27	2	2	2	7	2	0	2	0	1	0	0	5	1		
28	2	0	0	2	2	0	2	0	0	0	3	0	2		
29	1	3	2	6	1	2	0	4	0	0	3	0	1		
30	2	2	5	3	4	2	1	0	0	2	2	1	2		
31	0	2	0	1	3	0	1	0	1	0	0	0	1		
MEAN	2	1	2	2	2	2	2	2	1	1	2	2	1.7		

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -		NO 15003		362 DUNDAS ST LONDON		MONTH - AUG		76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	2	0	0	0	0	0	1	2	4	
2	0	2	5	0	1	***	6	0	2	0	0	3	
3	0	2	2	9	0	3	2	2	2	1	3	0	
4	8	0	4	4	0	1	3	0	5	2	1	0	
5	3	2	3	3	0	5	0	2	3	5	0	0	
6	6	2	0	1	0	6	3	2	5	1	1	4	
7	2	0	2	2	1	0	2	0	0	0	2	2	
8	3	2	0	0	2	2	0	1	2	0	0	0	
9	0	5	0	4	2	***	4	1	3	0	2	3	
10	0	0	5	0	1	0	2	2	9	7	0	0	
11	4	0	2	6	5	3	1	4	4	0	0	4	
12	2	5	6	6	6	8	5	7	0	4	0	2	
13	2	1	0	2	11	3	3	1	2	0	0	3	
14	1	4	0	0	0	0	2	0	3	0	5	1	
15	0	2	0	0	1	1	5	0	0	0	2	0	
16	2	0	2	0	0	0	***	3	0	7	1	0	
17	0	0	0	0	2	1	0	0	0	0	0	3	
18	0	0	3	1	0	1	0	5	2	4	0	3	
19	7	2	7	14	3	10	1	0	0	0	7	2	
20	4	4	16	14	5	4	3	2	4	4	4	8	
21	6	8	11	5	6	0	5	0	2	2	3	0	
22	5	9	2	0	2	5	1	2	1	5	0	4	
23	0	0	1	0	***	4	2	2	0	7	0	0	
24	0	0	3	2	1	3	0	5	0	7	0	3	
25	7	2	0	1	6	0	0	0	0	3	1	6	
26	3	7	7	8	5	0	4	3	0	0	2	2	
27	3	5	2	6	0	2	2	5	0	0	6	0	
28	3	5	0	2	7	2	5	5	2	0	2	0	
29	2	1	2	0	0	0	1	2	0	2	0	0	
30	2	1	0	3	0	0	***	0	2	0	3	2	
31	0	6	8	16	5	3	3	0	1	2	1	0	
MEAN	2	2	3	4	2	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - NO 15003 362 DUNDAS ST LONDON													MONTH - SEP 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	2	10	3	1	2	0	2	1	0	0	3
2	8	0	2	2	3	3	4	0	8	0	5	4	3
3	0	2	5	0	5	3	2	2	9	6	2	6	4
4	2	2	4	0	8	3	7	0	1	2	0	0	2
5	0	2	11	6	2	3	0	0	0	4	0	2	3
6	0	0	3	2	0	3	5	0	3	0	3	1	2
7	3	0	5	3	2	4	2	6	3	0	2	0	3
8	0	0	6	2	0	2	1	***	0	9	5	3	3
9	8	8	5	3	3	0	3	0	4	5	4	6	4
10	0	5	2	2	2	6	2	2	0	0	2	0	2
11	4	3	1	0	0	2	0	0	1	0	10	2	2
12	1	2	2	0	6	3	0	3	0	3	3	0	2
13	3	0	0	0	****	0	2	0	3	4	1	0	1
14	12	0	2	7	0	2	2	0	6	3	2	3	3
15	2	4	6	2	5	2	2	1	0	1	2	2	2
16	7	2	2	3	3	***	***	5	3	4	2	2	3
17	1	3	3	0	7	4	0	3	2	0	7	5	3
18	0	0	4	2	2	2	3	0	0	7	5	0	2
19	6	6	2	1	0	3	3	2	0	2	2	0	2
20	0	0	1	2	7	3	3	***	0	2	6	5	3
21	1	0	2	3	0	0	4	0	10	4	0	2	2
22	0	1	0	0	0	0	0	0	1	0	6	0	1
23	2	4	2	3	0	0	1	4	0	4	0	3	2
24	0	3	3	5	4	0	1	2	2	8	2	2	3
25	2	7	7	7	0	5	4	1	3	4	10	7	5
26	5	2	2	8	3	2	3	7	0	6	0	5	4
27	2	2	4	3	3	2	2	***	3	7	6	1	3
28	2	0	4	6	2	2	3	0	2	2	2	2	2
29	0	0	6	4	3	3	3	2	2	2	1	2	2
30	2	8	5	27	16	3	5	2	3	9	5	19	9
MEAN	3	2	3	4	3	2	2	2	2	3	3	3	2.8

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - NO 15003 362 DUNDAS ST LONDON													MONTH - OCT 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	8	2	13	9	0	4	5	4	6	8	3	6
2	6	6	8	11	13	6	2	2	0	9	9	14	7
3							- DATA UNAVAILABLE -						
4	6	5	11	11	6	4	5	0	0	5	0	1	5
5	3	6	5	2	5	9	7	2	0	7	3	3	4
6	2	4	3	6	3	2	5	0	2	2	2	0	3
7	0	0	5	0	5	3	2	0	1	2	3	3	2
8	0	0	2	1	5	0	0	2	2	5	7	0	2
9	3	2	0	3	2	2	7	3	0	2	2	2	2
10	6	0	0	0	0	0	0	0	0	1	10	3	2
11	8	2	0	2	0	0	3	1	3	2	0	1	2
12	2	6	3	***	2	2	2	2	5	4	5	5	3
13	5	2	3	2	7	0	3	3	7	2	0	0	3
14	2	2	5	2	0	0	1	5	1	1	4	2	2
15	2	0	0	4	9	2	2	0	1	1	6	3	3
16	0	2	1	0	0	1	0	0	5	0	2	2	1
17	4	0	1	0	0	0	1	1	2	5	0	0	1
18	3	0	0	1	2	2	3	2	1	0	5	1	2
19	0	2	0	2	2	***	0	5	7	0	0	3	2
20	3	2	0	9	6	5	3	2	1	4	3	4	4
21	2	4	2	3	3	1	7	1	3	1	0	1	2
22	3	4	0	4	9	2	3	0	4	2	5	2	3
23	0	5	2	3	2	2	0	0	0	8	7	7	3
24	3	2	3	2	7	4	0	1	7	6	3	3	3
25	2	0	1	1	4	***	2	3	2	2	4	2	2
26	1	1	0	2	1	1	0	3	0	4	2	2	1
27	0	0	2	9	3	5	0	0	2	4	1	2	2
28	5	1	2	4	5	2	3	2	5	5	2	2	3
29	0	0	4	5	2	2	5	2	2	3	0	2	2
30	4	5	5	4	5	7	5	5	4	1	5	7	5
31	2	4	1	0	2	3	3	2	2	1	2	5	2
MEAN	3	3	2	4	4	2	3	2	2	3	3	3	2.8

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	0	3	3	4	2	0	****	7	3	7	5	3
2	9	9	2	9	3	2	1	4	3	0	3	4	4
3	2	3	2	2	9	3	0	0	9	3	3	6	4
4	7	6	6	4	6	0	4	3	3	3	6	2	4
5	2	6	6	3	3	3	4	3	2	2	3	2	3
6	4	1	2	4	2	3	3	4	2	4	7	3	3
7	2	0	0	4	5	1	2	1	2	4	3	1	2
8	0	1	0	5	0	1	****	4	1	2	2	3	2
9	3	2	2	2	4	2	3	4	5	4	5	3	3
10	3	1	0	7	4	2	2	0	4	0	0	4	2
11	0	1	2	2	2	2	9	3	8	13	5	5	4
12	6	2	5	4	2	2	0	2	2	3	4	2	3
13	1	2	0	3	1	5	0	2	2	2	1	0	2
14	0	3	2	1	2	2	2	3	3	3	5	0	2
15	2	7	4	2	5	****	6	2	3	3	9	7	5
16	3	3	5	7	6	3	3	3	7	7	3	5	5
17	3	10	6	5	7	3	5	4	4	6	3	1	5
18	2	1	1	3	5	2	3	3	1	1	1	3	2
19	1	0	4	2	2	0	6	0	2	3	2	0	2
20	0	2	0	2	1	2	0	1	0	0	3	0	1
21	2	1	0	4	0	1	4	0	3	0	3	2	2
22	1	2	1	0	5	3	2	0	2	3	0	3	2
23	0	2	1	3	2	2	1	0	3	4	2	2	2
24	1	1	2	2	5	****	0	7	5	2	2	3	3
25	0	2	2	3	7	3	5	3	4	3	2	5	3
26	0	2	3	0	2	2	3	2	4	3	7	4	3
27	2	1	2	3	1	0	3	1	1	3	2	5	2
28	2	2	2	0	5	0	0	0	0	1	1	2	1
29	0	1	1	13	4	4	2	****	3	2	3	2	3
30	2	1	2	1	2	2	5	6	3	4	6	4	3
MEAN	2	3	2	3	4	2	3	2	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	4	1	3	3	5	5	2	2	5	3	3	3
2	2	1	6	2	2	2	6	2	4	2	5	3	3
3	2	3	2	2	4	5	1	0	2	5	2	3	3
4	3	1	2	0	6	5	3	5	8	3	3	2	4
5	5	2	1	3	2	2	4	3	2	2	2	2	3
6	3	1	2	5	7	1	3	8	12	6	2	6	5
7	2	3	2	2	3	3	0	0	2	0	3	2	2
8	3	0	1	1	6	3	2	2	3	5	2	3	3
9	5	0	2	2	2	2	2	4	3	2	1	4	2
10	1	2	3	2	1	3	2	2	3	3	3	2	2
11	2	3	1	3	2	2	2	2	3	2	2	2	2
12	2	2	5	2	2	4	4	3	2	1	1	2	3
13	1	0	2	2	0	4	2	2	2	7	1	1	2
14	0	2	2	4	4	2	1	1	3	4	0	2	2
15	2	2	4	2	6	3	3	4	2	4	5	3	3
16	7	5	3	5	10	8	8	6	8	2	3	2	6
17	5	2	2	2	3	2	0	1	0	2	0	0	2
18	2	0	4	2	1	0	1	2	2	0	3	1	2
19	2	2	3	3	5	6	3	1	3	4	5	3	3
20	0	6	3	0	2	0	1	3	0	3	0	2	2
21	0	0	1	2	0	2	2	0	1	0	0	3	1
22	0	0	0	2	4	2	2	2	3	5	4	3	2
23	0	0	0	0	0	2	4	0	0	2	0	2	1
24	2	4	2	2	2	2	2	0	4	3	2	0	2
25	4	0	2	2	3	2	1	2	4	0	4	1	2
26	0	4	1	3	2	6	1	4	3	0	0	6	3
27	2	2	2	3	0	1	5	2	2	2	4	2	2
28	3	4	2	1	1	0	3	2	3	0	5	6	3
29	0	2	0	5	3	0	0	4	0	2	4	0	2
30	0	2	3	2	2	3	5	1	6	1	0	3	2
31	3	2	6	2	2	2	2	2	0	1	1	0	2
MEAN	2	2	2	2	3	3	3	2	3	3	2	2	2.4

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NO 15003 362 DUNDAS ST LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2.5	5	13
FEB	10	2.6	5	10
MAR	23	2.4	5	13
APR	29	2.4	5	13
MAY	31	2.1	4	10
JUN	30	2.0	4	12
JUL	31	1.7	4	8
AUG	31	2.3	6	16
SEP	30	2.8	9	27
OCT	30	2.8	7	14
NOV	30	2.8	5	13
DEC	31	2.4	6	12
YEAR	336	2.4	9	27

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NO 15003 362 DUNDAS ST LONDON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	298	62	4	0	0	0	0	364
FEB	125	28	0	0	0	0	0	153
MAR	228	52	1	0	0	0	0	281
APR	287	62	3	0	0	0	0	352
MAY	313	50	0	0	0	0	0	363
JUN	321	36	1	0	0	0	0	358
JUL	335	34	0	0	0	0	0	369
AUG	298	63	4	2	0	0	0	367
SEP	280	69	2	2	1	0	0	354
OCT	271	80	6	0	0	0	0	357
NOV	290	63	2	0	0	0	0	355
DEC	323	48	1	0	0	0	0	372
YEAR	3369	647	24	4	1	0	0	4045

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.1	0	0.0	0.3	1.5	2.6	4.9	6.3	7.9	9.2	27	2.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006

POST OFFICE BRANTFORD

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	3	4	4	2	4	7	2	2	3	2	0	4	*****
22	0	2	3	2	2	3	2	0	2	2	0	5	3
23	0	6	5	7	7	3	4	2	8	7	4	1	5
24	5	3	2	3	3	2	4	0	7	3	2	5	3
25	11	2	3	9	7	4	5	3	5	4	2	5	5
26	5	4	3	3	0	3	3	0	3	0	4	2	3
27	1	5	0	0	2	4	1	2	3	5	0	0	2
28	2	3	2	3	5	1	0	4	2	3	4	2	3
29	3	3	0	5	2	3	2	4	3	0	0	6	3
30	0	2	3	3	2	5	2	5	2	9	2	7	4
31	7	5	7	7	5	4	3	4	3	4	5	3	5
MEAN	3	4	3	4	4	4	3	2	4	4	3	4	3.3

PERCENTAGE OF DATA VALID - 36.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 63.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006

POST OFFICE BRANTFORD

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	2	5	5	3	6	4	2	0	2	2	3
2	0	2	2	0	3	0	2	0	6	3	5	0	2
3	4	3	4	4	1	3	3	2	7	5	3	3	4
4	7	4	0	2	2	6	2	2	2	3	3	3	3
5	3	7	1	6	4	5	2	2	5	3	3	3	4
6	4	5	2	5	4	2	4	0	2	4	0	5	3
7	0	5	0	3	0	2	0	2	3	2	2	2	2
8	2	0	2	2	4	0	2	1	0	0	3	3	2
9	0	2	1	3	3	2	2	2	5	8	2	3	3
10	3	6	2	1	6	6	7	5	2	4	0	2	4
11	2	1	1	2	1	****	2	3	1	0	2	3	2
12	2	3	4	3	8	4	4	2	2	3	0	1	3
13	2	0	2	1	3	2	0	2	2	3	0	2	2
14	2	2	2	3	2	3	2	0	2	6	7	3	3
15	1	1	2	1	4	2	2	3	2	2	0	5	2
16	2	2	0	0	6	2	3	2	4	3	1	2	2
17	2	1	4	2	1	0	0	0	3	2	0	4	2
18	0	2	5	1	3	2	3	4	3	1	0	2	2
19	0	2	0	2	2	0	2	0	0	2	0	0	1
20	0	0	2	2	2	2	0	****	4	1	9	5	2
21	5	2	3	8	7	2	9	4	8	4	5	7	5
22	4	2	3	3	0	3	2	1	2	0	1	2	2
23	1	2	3	0	2	2	1	0	3	0	0	3	1
24	1	0	2	5	2	2	1	3	2	5	0	5	2
25	7	3	2	4	1	2	5	4	3	0	0	3	3
26	4	9	8	8	11	12	5	7	5	2	2	5	7
27	2	7	2	4	7	****	-	-	-	-	-	-	*****
28	5	1	0	2	0	0	0	0	2	2	0	0	1
29	1	0	3	4	2	2	5	8	0	7	0	4	3
MEAN	2	3	2	3	3	3	3	2	3	3	2	3	2.6

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - MAR 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	0	5	4	0	2	2	2	0	4	2	2
2	7	0	0	0	3	0	4	3	3	2	2	0	4	2
3	3	3	0	3	0	3	9	7	9	5	5	5	4	2
4	5	2	3	3	3	4	5	10	7	2	9	4	5	4
5	9	11	5	5	3	4	0	***	0	3	3	2	4	5
6	0	2	2	0	2	2	3	0	2	5	0	0	2	4
7	3	0	0	1	1	2	1	0	3	0	2	2	1	1
8	0	0	2	0	3	0	0	0	2	2	0	3	1	1
9	2	9	3	5	5	1	6	3	4	6	2	6	4	4
10	5	5	3	9	7	10	2	11	11	3	4	2	6	6
11	0	6	1	0	0	2	3	0	0	2	3	7	2	2
12	2	0	2	5	2	5	3	4	8	9	3	2	4	2
13	2	7	0	2	2	0	2	2	2	0	4	0	4	2
14	1	2	1	2	2	0	5	2	3	3	1	1	2	2
15	4	0	0	1	2	5	2	2	5	5	0	2	2	2
16	2	6	0	4	0	4	4	2	0	2	1	5	3	3
17	0	5	0	2	3	0	2	1	3	0	1	0	1	1
18	4	3	1	2	5	2	6	4	6	4	7	5	4	4
19	6	5	2	3	3	2	5	3	2	0	3	3	3	3
20	2	0	7	3	4	0	3	3	2	0	3	0	2	2
21	1	2	1	0	0	0	3	3	2	0	0	0	1	1
22	1	0	0	3	3	1	2	0	3	6	3	2	2	2
23	3	2	3	4	5	2	0	3	2	3	5	4	3	3
24	9	4	0	6	7	5	2	3	2	5	0	4	4	4
25	0	0	0	2	2	3	8	3	0	1	0	5	2	2
26	5	3	3	5	0	4	2	5	2	2	5	11	4	4
27	5	3	5	5	0	2	3	5	5	2	0	2	3	3
28	6	2	0	0	0	2	0	1	0	0	2	1	1	1
29	0	3	4	2	3	4	3	3	5	9	2	2	3	3
30	5	1	6	2	0	4	0	3	2	7	3	7	3	3
31	0	0	3	0	4	3	2	3	3	3	2	6	2	2
MEAN	3	3	2	3	3	3	3	3	3	3	2	3	2.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - APR 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	6	0	2	3	0	2	5	2	1	0	1	2	2
2	6	3	4	0	5	2	2	3	4	0	0	2	3	3
3	2	0	2	0	0	0	0	0	3	3	4	1	1	1
4	3	3	2	0	2	0	1	5	6	1	***	***	2	2
5	***	***	***	***	-	-	-	1	0	1	0	4	***	***
6	0	11	4	3	2	2	0	5	0	3	0	4	3	3
7	2	0	7	4	0	0	0	0	0	0	4	2	2	2
8	2	0	2	2	0	0	7	0	2	3	2	4	2	2
9	0	7	3	0	0	3	5	0	3	0	3	5	2	2
10	4	2	4	8	0	3	4	9	0	2	0	2	3	3
11	7	0	0	0	0	0	0	2	4	0	0	4	1	1
12	0	0	5	2	2	2	0	0	2	2	5	4	2	2
13	2	7	2	6	0	3	2	7	0	10	3	3	4	4
14	0	7	5	3	3	5	0	0	2	7	15	5	4	4
15	7	5	3	7	3	7	2	5	2	2	3	0	4	4
16	3	2	2	0	2	3	0	11	4	2	2	3	3	3
17	2	5	5	3	8	2	3	3	0	11	5	9	5	5
18	3	0	5	2	0	0	7	1	3	0	4	11	3	3
19	2	0	5	0	2	5	0	3	0	2	3	1	2	2
20	9	2	5	6	2	1	1	3	3	9	7	7	5	5
21	8	8	7	5	2	5	2	2	5	6	6	2	5	5
22	2	0	0	1	0	2	4	1	0	0	2	1	1	1
23	0	2	1	0	3	3	0	2	2	0	1	6	2	2
24	0	5	0	0	0	5	0	1	9	10	6	6	4	4
25	1	2	1	1	0	1	0	0	5	2	1	6	2	2
26	2	2	0	2	0	1	2	0	4	0	1	3	1	1
27	***	***	***	***	***	0	1	0	0	0	0	1	***	***
28	0	2	3	3	0	0	1	0	0	0	0	0	1	1
29	0	0	0	2	1	2	1	2	0	1	0	0	1	1
30	0	10	9	0	2	0	0	0	2	3	3	0	2	2
MEAN	3	3	3	2	2	2	2	2	2	3	3	3	2.5	

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006			POST OFFICE BRANTFORD				MONTH - MAY 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	7	3	0	0	0	0	7	3	3	0	
2	0	1	0	5	3	1	0	3	3	3	0	1	
3	2	2	2	0	0	4	0	4	0	0	0	0	
4	0	0	0	0	0	3	0	0	3	0	0	0	
5	0	1	5	5	2	9	11	4	5	1	2	3	
6	0	0	2	0	0	1	1	4	5	1	2	0	
7	2	1	0	2	1	1	5	0	0	0	3	0	
8	2	0	3	0	3	1	0	5	3	1	3	1	
9	0	2	2	0	0	2	0	7	5	0	0	0	
10	7	9	****	****	2	2	0	3	3	5	3	5	
							3	3	1	3	0	4	
11	4	2	0	0	2	0	3	3	0	2	2	0	
12	2	5	0	5	3	5	0	2	0	2	3	2	
13	0	0	2	3	0	5	0	0	1	2	3	5	
14	2	3	0	7	3	****	0	7	0	0	5	5	
15	5	3	1	7	3	7	3	2	5	4	2	3	
16	0	0	0	8	9	2	2	0	0	3	2	0	
17	0	2	0	0	2	0	0	3	3	0	2	5	
18	0	0	0	5	0	0	2	0	2	0	2	4	
19	2	0	2	2	0	0	0	3	0	0	3	0	
20	2	2	2	4	6	3	2	2	0	5	2	2	
21	3	0	0	1	2	2	2	0	0	2	7	2	
22	2	3	7	2	2	3	2	0	2	2	6	9	
23	3	7	2	0	0	2	0	3	0	0	0	2	
24	0	2	0	0	2	0	3	4	3	0	0	2	
25	2	0	3	0	2	9	0	0	3	0	5	2	
26	0	2	5	5	0	0	2	0	3	0	7	2	
27	3	0	2	9	3	0	3	0	3	0	2	0	
28	2	0	3	7	7	5	1	0	0	3	0	0	
29	3	7	3	0	2	3	7	2	0	5	3	3	
30	5	5	3	5	5	5	0	0	1	5	3	5	
							3	3	3	7	3	0	
31	0	2	5	5	****	5	5	9	0	3	2	6	
MEAN	2	2	2	3	2	3	2	2	2	2	3	2	2.2

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006				POST OFFICE BRANTFORD				MONTH - JUN 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	5	0	2	2	1	2	3	0	0	2	5		
2	4	3	3	6	0	1	2	0	2	0	0	0		
3	1	3	2	5	5	2	3	2	1	3	3	2		
4	1	3	3	6	7	2	2	4	0	0	2	0		
5	5	1	2	3	5	0	5	0	6	2	1	3		
6	8	4	1	1	0	1	0	0	0	0	0	0		
7	0	0	0	3	3	0	0	0	1	0	1	3		
8	6	2	3	5	3	0	0	0	3	3	3	2		
9	2	0	2	2	2	2	0	0	1	0	1	1		
10	2	2	3	0	3	2	0	1	0	3	2	2		
11	0	0	2	7	5	1	1	0	2	2	0	0		
12	0	0	1	0	2	0	3	1	1	4	0	0		
13	4	2	4	2	2	2	6	2	4	3	2	2		
14	3	3	5	3	****	****	2	3	5	0	2	2		
15	2	3	4	2	0	2	5	0	3	0	2	1		
16	4	2	0	0	0	3	2	0	0	1	2	3		
17	0	2	0	2	1	0	0	4	2	2	3	3		
18	0	2	2	0	****	3	2	0	1	2	7	2		
19	2	5	2	1	0	0	2	2	0	0	0	0		
20	0	1	0	1	0	3	0	0	3	2	2	7		
21	2	3	1	1	0	3	2	1	0	0	2	1		
22	2	7	0	2	2	2	1	1	3	4	1	0		
23	6	11	4	4	7	4	4	1	0	7	5	4		
24	9	10	7	10	7	8	9	2	5	4	2	0		
25	0	0	0	2	2	8	0	0	2	2	2	0		
26	2	0	3	1	0	3	2	0	2	3	2	0		
27	5	2	0	0	1	3	0	0	2	1	1	1		
28	0	4	3	3	2	3	2	2	2	1	2	3		
29	0	3	3	1	0	2	0	2	0	2	0	4		
30	1	2	0	4	2	3	0	2	0	4	0	2		
MEAN	2	3	2	3	2	2	2	1	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 21006 POST OFFICE BRANTFORD												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	4	0	4	0	0	2	2	3	0	0	0	1
2	0	0	3	0	0	3	1	2	1	5	0	0	1
3	2	0	0	3	0	0	0	0	0	4	0	3	1
4	0	7	0	0	0	0	0	0	2	0	4	0	1
5	5	2	0	3	3	0	4	0	0	0	2	2	2
6	9	0	4	5	5	2	0	6	0	0	3	3	3
7	0	6	2	11	0	0	2	2	0	0	2	-	2
8	-	-	-	-	-	-	- DATA UNAVAILABLE -						
9	-	-	-	-	-	3	2	1	0	5	3	0	*****
10	8	2	0	0	0	1	0	3	4	6	0	0	2
11	0	9	1	1	2	5	5	0	0	0	1	2	2
12	3	0	0	2	3	2	3	5	0	3	5	0	2
13	7	2	5	0	5	2	2	0	0	0	3	2	2
14	2	1	3	1	0	3	0	3	0	2	5	3	2
15	0	2	4	2	7	0	4	0	5	3	1	11	3
16	1	3	8	4	7	2	4	0	1	3	5	2	3
17	2	0	0	0	0	3	0	1	0	0	1	3	1
18	1	0	5	2	0	3	2	3	2	0	2	0	2
19	0	3	1	0	5	2	0	2	2	3	5	0	2
20	3	2	2	4	5	3	0	5	0	3	4	2	3
21	2	0	0	2	3	3	1	3	3	0	0	1	2
22	0	5	2	2	3	2	2	2	2	4	2	1	2
23	2	0	0	3	5	7	5	2	0	7	0	0	3
24	0	9	0	0	2	0	0	0	0	0	2	2	1
25	0	0	0	2	0	0	2	5	0	4	2	0	1
26	5	0	0	5	2	3	5	8	2	0	2	2	3
27	3	0	0	7	7	5	5	3	2	2	5	3	4
28	2	2	3	2	5	3	0	3	1	3	2	3	2
29	0	8	5	0	2	0	2	9	0	0	2	2	3
30	8	3	4	3	3	0	0	0	2	0	2	4	2
31	4	0	3	5	2	2	0	1	0	2	2	4	2
MEAN	2	2	2	3	3	2	2	2	1	2	2	2	2.1

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 21006 POST OFFICE BRANTFORD												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	2	2	3	0	3	0	3	1	3	0	3	2
2	0	6	0	0	0	0	2	1	2	4	2	2	2
3	3	4	5	0	5	0	2	7	2	0	0	2	3
4	0	3	6	0	0	1	2	0	3	2	4	2	2
5	2	2	1	0	5	0	2	11	0	2	0	0	2
6	0	4	0	3	0	2	3	2	3	2	3	1	2
7	0	2	0	2	0	3	0	2	0	0	1	0	1
8	0	4	1	0	2	0	1	1	4	1	4	0	2
9	0	0	0	2	0	1	1	4	0	5	3	2	2
10	0	1	0	0	1	3	0	1	2	1	2	4	1
11	0	2	2	2	0	2	1	3	2	0	***	***	1
12	***	***	***	***	***	-	-	-	3	2	0	***	***
13	2	1	2	4	3	0	3	0	2	0	0	0	1
14	2	0	4	1	0	5	3	0	5	2	4	0	2
15	5	0	0	0	2	1	0	0	0	0	0	0	1
16	0	0	0	3	0	2	2	4	0	1	1	2	1
17	0	2	0	5	1	3	6	0	3	0	2	0	2
18	5	1	0	2	0	0	***	6	0	0	5	3	2
19	2	2	7	10	2	5	3	2	4	0	6	0	4
20	2	0	1	6	1	0	2	2	7	5	0	2	2
21	3	2	3	3	3	0	3	2	1	2	5	2	2
22	2	2	4	3	2	1	2	0	2	2	2	2	2
23	0	3	5	0	0	4	5	3	1	5	0	3	2
24	2	2	3	2	2	3	0	0	2	0	1	0	1
25	0	0	2	5	4	1	2	0	2	2	3	3	2
26	0	1	6	2	3	4	0	1	1	3	3	6	3
27	0	2	2	0	0	0	3	5	0	1	3	0	1
28	0	3	0	2	0	2	0	2	0	0	0	2	1
29	0	0	0	2	0	0	3	0	2	0	5	3	1
30	0	2	2	2	***	0	1	0	3	2	0	1	1
31	2	0	3	1	3	5	4	0	2	0	0	1	2
MEAN	1	2	2	2	1	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006				POST OFFICE BRANTFORD				MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	3	0	0	2	0	1	0	0	0	2	1
2	3	0	1	2	5	0	4	2	2	0	2	0	2
3	0	7	0	4	0	1	1	0	2	0	4	2	2
4	0	2	3	3	3	6	3	1	0	2	0	0	2
5	0	0	0	4	2	2	1	2	2	0	2	0	1
6	0	2	4	0	1	2	0	2	2	4	3	0	2
7	2	0	1	0	0	3	***	0	0	2	0	1	1
8	2	0	0	0	5	0	2	1	0	2	1	4	1
9	6	3	10	3	2	5	1	2	0	0	0	0	3
10	0	2	0	0	3	2	0	0	1	0	0	1	1
11	1	2	0	1	5	3	1	0	0	1	0	5	2
12	2	0	2	0	3	2	2	0	0	2	3	4	2
13	3	2	0	2	0	0	2	0	2	0	0	2	1
14	3	5	2	3	1	2	1	0	0	4	0	2	2
15	5	0	3	2	2	3	3	3	3	5	2	4	3
16	2	2	0	2	***	5	1	9	0	1	3	2	2
17	2	0	0	0	2	0	2	2	2	1	2	2	1
18	0	0	0	3	0	0	0	2	0	0	0	3	1
19	0	0	0	0	2	0	0	3	0	0	2	4	1
20	2	0	0	2	2	2	3	2	2	0	2	0	1
21	2	0	1	3	2	0	3	0	2	0	2	1	1
22	3	2	2	0	0	1	3	0	0	0	5	2	2
23	2	2	1	2	0	***	0	0	3	0	1	0	1
24	3	0	0	0	2	0	0	0	0	2	2	2	1
25	1	2	2	0	2	3	2	2	2	0	2	2	2
26	3	2	2	2	5	4	1	2	2	2	3	1	2
27	0	2	2	2	3	0	0	2	2	0	3	7	2
28	0	2	3	2	2	2	2	0	0	0	0	0	1
29	1	0	2	2	0	3	0	0	0	2	0	0	1
30	0	4	3	1	5	***	3	1	2	0	***	***	2
MEAN	2	2	2	2	2	2	1	1	1	1	2	2	1.5

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006			POST OFFICE BRANTFORD						MONTH - OCT 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3	****	****	****	****	****	****	- DATA INVALID -	- DATA INVALID -						
4	0	3	0	2	****	2	2	0	2	0	1	2	*****	
5	3	0	5	8	6	2	1	0	7	3	3	4	2	
6	0	0	0	2	3	2	3	3	3	1	2	0	3	
7	0	3	1	1	3	0	2	3	0	0	0	0	1	
8	2	0	2	2	0	2	2	0	2	1	1	2	1	
9	2	0	0	0	0	0	0	2	1	0	0	3	1	
10	2	0	2	1	0	0	0	1	0	2	2	0	1	
								4	2	2	2	2	1	
11	1	2	3	2	3	3	0	0	1	3	3	3	2	
12	2	0	2	7	5	2	5	1	2	2	3	0	3	
13	2	2	1	2	2	2	2	2	1	5	2	0	2	
14	1	2	3	0	0	2	0	1	0	3	2	2	1	
15	2	2	1	3	2	1	0	0	5	0	0	0	1	
16	1	0	0	0	0	0	2	2	0	0	3	0	1	
17	2	1	1	1	5	0	4	0	2	2	1	2	2	
18	0	5	3	2	****	2	5	2	0	3	3	3	3	
19	1	2	0	3	0	1	0	0	6	1	1	1	1	
20	2	0	3	4	3	8	3	9	7	5	2	2	4	
21	0	5	3	2	2	1	0	0	0	1	0	0	1	
22	2	0	0	2	1	2	0	1	3	0	3	1	1	
23	0	0	0	2	2	1	5	0	2	2	2	0	1	
24	5	3	2	3	2	6	2	3	0	0	1	0	2	
25	0	0	5	2	3	****	3	0	2	0	0	5	2	
26	0	3	2	2	2	0	0	5	0	3	6	1	2	
27	1	0	4	2	0	4	1	0	0	0	1	2	1	
28	3	0	2	2	2	0	0	4	2	2	0	2	2	
29	0	4	2	0	****	0	2	3	2	5	0	0	2	
30	2	4	3	5	2	2	0	4	7	4	1	0	3	
31	4	2	3	0	3	2	3	2	3	2	0	2	2	
MEAN	1	2	2	2	2	2	2	2	2	2	2	1	1.8	

PERCENTAGE OF DATA VALID - 90.9

PERCENTAGE OF DATA INVALID - 9.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - NOV 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	1	0	2	1	0	2	1	2	2	5	2
2	9	3	0	6	2	2	3	0	6	2	2	2	3
3	2	2	1	2	1	0	0	0	2	2	3	0	1
4	2	3	5	7	4	0	3	2	1	4	6	0	3
5	0	2	3	5	5	0	2	3	3	2	0	0	2
6	0	0	2	0	2	2	1	5	5	2	2	0	2
7	3	0	2	2	0	0	2	0	1	3	0	0	1
8	0	0	3	2	2	2	0	2	0	3	0	3	1
9	0	0	0	2	0	0	2	3	0	0	0	3	1
10	2	3	5	5	0	2	2	0	2	5	0	0	2
11	0	2	0	2	0	0	2	0	0	0	0	3	1
12	3	2	0	2	2	1	0	0	0	4	2	1	1
13	3	0	2	2	0	0	0	3	0	0	2	0	1
14	0	2	2	0	0	0	0	0	2	7	0	0	1
15	3	3	2	0	3	6	0	2	5	0	3	4	3
16	0	4	6	0	3	0	0	2	2	2	3	3	2
17	4	0	0	2	10	2	2	4	3	2	0	3	3
18	0	3	0	1	0	....	....	....	....	....	....	....	....
19	....	....	....	....	....	....	....	....	....	....	....	....	....
20	0	5	0	5	2	0	0	2	0	3	3	2	2
21	0	2	0	0	0	2	3	0	0	0	0	0	1
22	0	5	0	1	0	0	3	2	1	0	2	0	1
23	2	0	2	3	0	4	0	0	3	2	1	7	2
24	1	2	4	0	7	0	3	2	5	5	3	5	3
25	3	3	1	4	2	2	5	6	6	9	9	8	5
26	13	3	3	7	8	3	7	2	3	5	0	7	5
27	2	3	3	3	0	2	0	0	2	2	1	2	2
28	2	3	3	2	2	1	3	2	2	3	3	2	2
29	2	2	4	2	3	2	0	2	0	3	2	0	2
30	5	3	3	5	0	7	6	7	2	0	0	7	4
MEAN	2	2	2	2	2	1	2	2	2	3	2	2	2.1

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - DEC 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	0	5	2	7	3	4	5	2	7	5	2	4
2	3	3	7	0	7	2	3	6	4	5	0	0	3
3	2	4	2	4	2	2	2	5	5	2	2	6	3
4	3	2	4	5	5	4	3	5	3	2	5	3	4
5	4	3	3	0	3	6	2	2	9	0	5	2	3
6	2	5	9	8	7	2	9	3	3	11	2	3	5
7	2	5	0	3	3	0	2	5	3	0	0	3	2
8	0	3	7	2	2	3	7	2	5	0	3	0	3
9	1	0	2	5	2	0	7	1	8	6	2	12	4
10	3	4	8	0	4	1	9	5	2	8	7	0	4
11	2	0	2	0	0	2	2	3	1	8	1	1	2
12	1	3	1	6	0	2	3	4	11	0	2	1	3
13	0	0	2	0	0	2	1	1	4	0	6	2	2
14	0	1	4	0	6	3	2	3	0	2	2	5	2
15	3	2	1	9	6	4	0	4	6	0	8	6	4
16	8	2	7	6	4	14	8	3	....	....	....	....	7
17	....	....	....	....	....	0	15	4	9	12	3	10	....
18	5	3	6	2	2	3	4	1	3	2	2	3	3
19	4	0	2	3	2	2	5	5	0	4	6	2	3
20	4	6	1	7	6	7	2	3	0	4	4	2	4
21	0	6	1	0	3	0	0	0	2	4	1	0	1
22	0	3	2	2	1	1	0	3	2	2	3	7	2
23	3	3	2	3	2	0	7	6	2	4	2	1	3
24	2	1	3	2	0	3	2	2	2	9	3	2	3
25	4	4	4	3	2	2	1	2	2	7	3	2	3
26	3	6	2	2	1	1	1	2	7	3	2	2	3
27	1	0	4	2	0	0	1	2	0	5	1	2	2
28	2	2	1	7	4	0	4	0	1	4	0	1	2
29	0	4	3	6	1	1	3	2	3	0	2	4	2
30	0	3	1	2	1	2	0	0	1	2	3	2	1
31	2	4	2	2	2	2	2	2	3	0	2	1	2
MEAN	2	3	3	3	3	2	4	3	3	4	3	3	3.0

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006 POST OFFICE BRANTFORD

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	3.3	5	11
FEB	28	2.6	7	12
MAR	31	2.8	6	11
APR	28	2.5	5	15
MAY	31	2.2	4	11
JUN	30	2.0	6	11
JUL	29	2.1	4	11
AUG	30	1.8	4	11
SEP	30	1.5	3	10
OCT	28	1.8	4	9
NOV	28	2.1	5	13
DEC	30	3.0	7	15
YEAR	334	2.2	7	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006 POST OFFICE BRANTFORD

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	102	34	1	0	0	0	0	137
FEB	278	59	2	0	0	0	0	339
MAR	289	78	4	0	0	0	0	371
APR	276	65	5	0	0	0	0	346
MAY	302	65	1	0	0	0	0	368
JUN	318	38	1	0	0	0	0	357
JUL	300	52	2	0	0	0	0	354
AUG	327	32	1	0	0	0	0	360
SEP	336	18	0	0	0	0	0	354
OCT	310	28	0	0	0	0	0	338
NOV	302	44	1	0	0	0	0	347
DEC	283	74	6	0	0	0	0	363
YEAR	3423	587	24	0	0	0	0	4034

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.8	0	0.0	0.0	1.5	2.4	4.7	6.3	8.0	8.9	15	2.2

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001	PUBLIC UTILITY	SS 65	WEBER ST	S WATERLOO	MONTH - JAN	76								MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24		
1	2	2	0	0	0	2	2	2	3	2	0	3		2
2	3	2	0	3	0	2	4	2	2	2	3	2		2
3	0	3	0	2	0	1	0	2	6	3	4	2		2
4	6	2	0	5	0	2	0	2	0	1	2	2		2
5	0	1	4	2	2	4	0	-	3	2	2	0		2
6	0	0	1	0	1	7	2	1	3	3	2	2		2
7	2	0	3	3	3	2	2	1	2	2	3	2		2
8	0	0	2	3	0	5	2	0	0	2	0	0		1
9	1	2	5	1	2	0	0	0	0	1	2	2		2
10	1	0	0	5	2	2	2	1	2	3	5	2		2
11	1	3	2	4	1	2	2	2	2	5	5	0		2
12	0	4	1	4	0	1	1	2	2	5	5	3		2
13	2	2	3	2	5	3	5	2	2	2	4	5		3
14	0	0	0	1	0	0	***	3	2	2	2	0		1
15	0	0	0	4	0	2	3	3	4	2	2	6		2
16	2	5	1	4	1	1	5	0	0	1	0	0		2
17	2	2	7	2	6	3	2	1	2	2	2	0		3
18	0	2	0	3	5	0	1	2	3	2	2	2		2
19	0	0	0	2	8	2	2	1	5	0	2	0		2
20	0	0	2	4	0	3	0	1	0	1	1	2		1
21	0	2	3	0	2	4	1	0	3	11	2	3		3
22	1	0	0	0	2	2	1	1	6	6	0	4		2
23	3	2	5	1	7	1	1	2	6	2	3	1		2
24	2	2	1	0	0	2	2	5	2	7	7	2		3
25	3	0	4	0	2	3	2	3	3	1	2	2		3
26	2	2	2	5	4	3	***	3	3	2	2	5		3
27	0	2	1	0	0	5	4	2	4	4	4	1		2
28	3	0	2	5	2	2	0	4	2	1	5	2		2
29	0	1	1	0	0	0	0	0	1	4	6	0		1
30	0	3	1	2	3	3	0	0	1	5	3	2		2
31	7	9	0	5	5	7	5	2	3	2	2	0		4
MEAN	1	2	2	2	2	2	2	2	2	3	3	2		2.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001	PUBLIC UTILITY	SS 65	WEBER ST	S WATERLOO	MONTH - FEB	76								MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24		
1	0	1	0	2	4	2	0	1	2	2	2	2		2
2	0	2	0	2	2	0	1	0	7	2	4	2		2
3	2	1	1	0	4	2	3	1	1	3	2	3		2
4	2	4	2	0	1	1	0	0	3	1	0	5		2
5	1	5	7	0	3	3	0	2	0	2	3	9		3
6	3	5	2	2	3	2	0	2	7	0	3	0		2
7	2	0	3	2	3	3	0	5	0	0	2	8		2
8	0	3	2	2	0	3	2	0	0	3	2	2		2
9	3	0	1	13	16	1	3	0	8	0	3	2		4
10	0	3	4	0	5	2	3	0	4	5	8	3		3
11	2	1	0	4	0	0	0	0	2	0	5	0		1
12	0	5	0	5	2	2	2	0	0	3	0	1		2
13	5	3	2	4	3	3	0	0	2	1	0	0		2
14	2	0	0	0	3	0	3	2	2	0	3	0		1
15	3	0	2	0	0	4	0	3	0	2	3	3		2
16	2	3	3	0	2	2	5	2	3	1	5	0		2
17	2	0	4	0	2	0	0	2	0	2	4	2		2
18	2	3	0	2	2	5	2	5	3	2	0	3		2
19	2	2	3	5	2	2	0	2	5	4	3	0		3
20	0	1	0	7	2	3	0	5	3	3	6	0		3
21	8	2	6	5	5	0	0	2	4	2	4	2		3
22	5	3	2	2	0	0	1	1	0	2	2	3		2
23	0	2	5	5	2	2	0	2	2	2	2	0		2
24	2	2	0	0	6	2	3	2	3	2	6	6		3
25	5	2	5	3	0	3	0	3	2	0	7	3		3
26	4	7	13	16	17	9	5	9	3	3	2	2		8
27	10	0	2	3	4	-	0	3	3	0	5	2		3
28	5	2	0	0	2	0	0	2	2	2	3	4		2
29	3	5	2	5	4	2	1	2	3	1	2	0		3
MEAN	3	2	2	3	3	2	1	2	3	2	3	2		2.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001				PUBLIC UTILITY SS 65 WEBER ST S WATERLOO					MONTH - MAR 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	0	2	2	0	3	2	3	2	3	0	
2	3	0	0	2	2	1	0	5	3	1	0	2	
3	0	2	2	2	2	2	7	6	8	6	6	5	
4	3	4	2	2	3	2	1	4	2	3	2	3	
5	6	3	2	5	0	0	0	2	0	2	3	0	
6	2	2	3	0	0	3	2	0	2	0	2	2	
7	2	3	0	1	0	2	4	2	4	18	0	2	
8	0	2	0	2	2	2	0	6	3	3	2	2	
9	5	2	3	6	4	4	2	3	2	7	4	2	
10	3	2	1	4	5	2	4	6	5	2	3	0	
11	1	2	0	2	2	2	3		3				
12	1	0	3	2	0	2	3	4		2	5	5	
13	3	2	0	2	2	2	1	1	4	3	0	2	
14	0	3	1	2	0	0	2	2	1	2	3	1	
15	1	0	1	2	0	0	3	0	3	2	0	0	
16	5	5	8	5	3	3	0	4	0	1	2	0	
17	0	1	0	4	0	0	***	0	3	5	1	1	
18	0	0	2	3	0	1	2	1	2	1	0	5	
19	4	0	5	1	4	3	3	2	2	1	4	6	
20	9	1	0	2	2	0	1	0	2	0	5	5	
21	0	0	2	2	3	0	2	1	2	2	0	1	
22	2	2	3	0	0	4	1	0	2	1	2	0	
23	2	0	2	2	1	1	1	0	1	2	0	1	
24	2	0	4	1	2	2	***	0	2	5	0	3	
25	0	2	0	0	2	0	0	1	4	2	0	5	
26	13	2	4	9	2	5	3	1	6	4	3	2	
27	3	3	3	2	1	1	0	2	4	5	2	1	
28	2	0	4	3	0	1	1	0	0	6	8	2	
29	1	5	1	2	0	3	2	2	1	3	0	0	
30	0	3	2	5	2	1	2	3	0	0	3	0	
31	0	3	0	2	2	0	2	3	0	0	2	0	
MEAN	2	2	2	3	2	2	2	2	2	3	2	2	2.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001			PUBLIC UTILITY SS 65 WEBER ST S WATERLOO					MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	3	7	2	2	2	2	2	0	0	
2	0	0	0	2	2	2	0	1	0	2	3	2	
3	0	2	0	0	0	2	3	0	2	3	0	1	
4	0	0	2	1	0	1	0	0	2	2	1	0	
5	0	2	2	1	2	1	0	0	0	0	0	0	
6	0	0	0	0	0	2	0	2	0	1	0	2	
7	3	3	1	0	0	0	3	0	0	0	0	0	
8	0	2	2	2	0	2	0	1	1	0	0	0	
9	0	2	3	3	2	0	0	0	0	0	5	0	
10	2	5	3	1	2	2	0	0	0	0	0	0	
11	2	0	0	1	0	0	0	1	0	0	1	2	
12	0	3	0	2	0	0	1	2	1	0	0	0	
13	2	2	0	1	0	3	0	0	0	0	0	0	
14	2	2	3	3	2	3	0	2	0	0	4	2	
15	1	2	0	2	3	4	2	2	4	5	3	1	
16	0	0	3	0	1	2	2	0	0	3	1	2	
17	2	2	2	0	0	0	1	0	3	0	4	0	
18	0	0	2	0	3	0	1	4	1	4	2	0	
19	0	0	0	2	0	0	0	1	0	2	3	2	
20	0	0	0	1	0	0	2	0	2	1	0	4	
21	1	1	0	2	0	2	3	1	1	2	4	1	
22	0	0	5	2	0	2	***	0	0	0	0	5	
23	3	3	3	0	2	2	3	3	5	5	0	5	
24	0	0	0	2	0	0	0	2	0	2	0	0	
25	0	2	0	0	0	0	0	0	2	0	2	0	
26	0	3	3	3	3	0	2	0	0	2	0	3	
27	0	0	0	5	0	0	0	2	0	3	2	2	
28	0	0	0	2	2	0	0	0	3	0	0	2	
29	0	2	5	0	2	0	0	0	2	0	2	3	
30	0	4	15	2	5	0	0	0	0	2	2	0	
MEAN	1	1	2	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001		PUBLIC UTILITY SS 65 WEBER ST S WATERLOO						MONTH - MAY 76					MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	3	2	2	2	1	3	2	0	0	0	3	2
2	2	1	0	0	4	1	5	2	4	2	0	2	2
3	3	3	8	2	0	0	3	0	2	1	3	5	3
4	0	3	2	2	0	2	0	2	3	4	0	2	2
5	2	0	3	0	0	0	0	0	0	4	0	0	1
6	0	2	3	1	3	9	0	0	0	0	0	0	2
7	0	2	0	5	0	2	2	0	0	2	3	3	2
8	0	2	5	4	****	0	0	0	0	2	0	0	1
9	2	2	2	2	0	0	0	2	0	0	3	9	2
10	2	5	5	0	3	7	0	3	0	2	0	2	2
11	2	2	5	7	5	0	0	3	3	1	0	0	2
12	3	5	3	2	0	0	0	5	1	0	0	0	2
13	0	0	0	1	5	****	0	0	2	1	0	3	1
14	3	1	3	3	7	5	0	3	3	0	3	3	3
15	3	2	2	3	1	0	0	3	0	5	0	1	2
16	3	0	0	1	0	5	3	0	0	0	7	0	2
17	0	1	0	5	0	0	0	0	0	0	1	0	1
18	0	0	3	1	1	1	3	3	7	1	0	1	2
19	3	0	1	1	5	3	0	1	1	0	0	0	1
20	0	0	1	3	1	0	5	0	0	0	5	0	1
21	0	1	1	0	5	1	0	1	1	0	0	1	1
22	1	1	1	3	0	3	0	0	1	0	0	3	1
23	0	0	3	0	3	0	0	3	0	0	0	0	1
24	0	0	0	0	1	1	0	3	1	0	1	3	1
25	0	0	0	0	0	1	0	0	0	7	0	3	1
26	0	2	4	2	4	0	0	2	0	1	0	2	1
27	0	3	3	0	2	0	0	0	0	5	2	3	2
28	0	6	5	7	0	2	0	3	0	2	3	7	3
29	0	6	2	4	0	2	3	4	13	2	6	1	4
30	2	2	2	0	2	0	0	0	0	2	0	2	1
31	0	1	0	7	0	0	3	2	11	3	2	2	3
MEAN	1	2	2	2	2	2	1	2	2	2	1	2	1.7

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001		PUBLIC UTILITY SS 65 WEBER ST S WATERLOO						MONTH - JUN 76					MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1													
2													
3													
4													
5													
6													
7													
8	-	-	-	-	-	0		3	0	3	5	2	*****
9	0	3	0	2	0	3	0	5	0	2	0	0	1
10	0	5	5	3	5	0	3	0	5	2	5	2	3
11	0	4	2	5	2	2	0	3	0	0	2	0	2
12	0	2	2	5	0	0	3	2	2	5	0	3	2
13	2	3	0	7	0	2	5	3	8	2	5	3	3
14	2	5	4	2	4	2	0	3	2	3	3	0	3
15	0	2	0	0	5	3	3	9	5	5	3	2	3
16	0	1	0	0	7	0	1	5	3	0	0	2	3
17	2	0	2	0	0	0	0	0	3	0	1	0	2
18	2	5	3	3	2	0	4	0	0	2	1	0	1
19	2	0	3	1	0	0	2	3	0	2	3	2	2
20	2	0	0	2	1	6	3	0	0	1	2	0	1
21	2	0	0	4	2	0	2	0	0	0	2	0	1
22	3	5	0	3	3	2	0	0	0	4	0	3	2
23	5	4	0	3	3	0	2	3	1	5	2	3	3
24	5	0	2	4	5	2	2	3	0	2	0	3	2
25	2	0	0	0	5	2	2	0	0	2	0	3	1
26	0	0	0	2	0	0	0	2	3	3	0	3	1
27	7	0	2	0	0	0	0	5	0	0	0	3	1
28	1	5	2	0	2	0	****	2	2	2	0	3	2
29	3	2	0	2	0	3	0	6	2	0	6	0	2
30	0	0	2	0	2	1	3	2	2	2	5	3	2
MEAN	2	2	1	2	2	1	2	3	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 75.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 24.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001			PUBLIC UTILITY SS 65 WEBER ST S WATERLOO					MONTH - JUL 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	4	2	1	9	0	0	0	0	3	2
2	3	2	0	2	2	0	0	0	0	2	0	1	1
3	3	2	2	2	2	2	0	0	2	0	0	2	2
4	3	0	0	2	0	0	0	3	0	0	2	4	1
5	2	2	2	2	1	0	0	0	0	0	4	4	1
6	0	7	4	5	5	2	4	4	7	0	3	7	3
7	2	0	2	2	4	2	1	2	1	0	0	2	3
8	5	0	2	2	0	2	1	1	2	2	2	2	2
9	2	2	2	6	2	0	0	2	1	1	3	1	2
10	2	0	0	6	0	0	0	2	4	1	3	2	2
								0	0	1	1	0	1
11	0	6	1	3	7	2	2	0	3	0	4	4	3
12	0	0	0	2	2	2	0	0	2	0	1	0	1
13	2	0	0	1	0	2	0	0	0	0	3	0	1
14	0	2	2	3	0	0	0	0	7	2	0	3	2
15	5	3	0	3	7	3	0	4	3	4	4	4	3
16	2	0	2	2	1	****	-	-	-	-	-	-	*****
17							-	-	-	-	-	-	
18							-	-	-	-	-	-	
19							-	-	-	-	-	-	
20							-	-	-	-	-	-	
21							-	-	-	-	-	-	
22							-	-	-	-	-	-	
23							-	-	-	-	-	-	
24							-	-	-	-	-	-	
25							-	-	-	-	-	-	
26							-	-	-	-	-	-	
27							-	-	-	-	-	-	
28							-	-	-	-	-	-	
29	-	-	-	-	-	-	0	0	3	1	3	3	*****
30	3	1	3	0	3	2	0	2	0	3	0	4	2
31	0	2	2	3	0	3	0	0	2	0	1	2	1
MEAN	2	2	2	3	2	1	1	1	2	1	2	2	1.8

PERCENTAGE OF DATA VALID - 57.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 41.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001			PUBLIC UTILITY SS 65 WEBER ST S WATERLOO					MONTH - AUG 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	0	0	0	0	0	2	2	2	1	1
2	3	0	0	2	2	2	0	0	0	2	1	2	1
3	3	0	0	2	0	1	0	3	1	0	2	3	1
4	0	0	0	1	7	1	0	2	0	5	0	0	1
5	2	0	2	1	1	4	0	3	0	2	1	2	2
6	0	3	0	0	0	2	1	0	0	1	0	0	1
7	0	0	0	2	0	3	1	0	0	0	0	0	1
8	2	0	0	2	0	0	0	2	0	2	0	0	1
9	0	2	1	0	***	0	0	2	0	5	1	0	1
10	0	0	4	9	0	6	2	0	3	0	2	1	2
11	4	1	2	3	3	3	3	2	2	0	3	1	2
12	2	2	0	4	2	4	3	0	1	0	1	5	2
13	3	4	2	0	2	3	0	3	0	0	0	2	2
14	2	0	2	0	3	0	0	5	1	1	0	0	1
15	3	1	3	0	0	2	1	0	0	3	1	5	2
16	0	2	0	5	0	0	0	2	2	0	2	0	1
17	2	1	2	3	0	2	0	2	0	7	4	2	2
18	0	2	2	8	2	***	0	2	2	4	2	1	2
19	2	2	0	3	10	6	2	6	0	8	6	7	4
20	0	3	5	6	0	0	0	6	4	4	3	2	3
21	7	2	3	4	4	5	0	3	1	1	3	1	3
22	4	0	2	5	1	7	1	2	2	4	0	2	3
23	0	2	0	4	3	1	0	0	3	0	0	0	1
24	6	0	2	5	2	4	2	2	0	3	1	7	3
25	5	3	4	6	3	3	2	0	9	2	2	2	3
26	4	1	2	2	9	2	7	4	2	9	5	6	4
27	0	2	0	4	2	4	4	3	2	3	3	4	3
28	2	0	3	2	3	3	4	3	0	0	3	2	2
29	0	0	5	0	3	0	3	0	2	0	2	2	1
30	2	0	2	3	2	0	1	0	3	2	1	0	1
31	6	1	5	9	2	3	1	2	2	3	0	3	3
MEAN	2	1	2	3	2	2	1	2	1	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - SEP 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	3	0	1	3	2	2	1	0	0	1
2	2	0	1	1	2	0	4	2	3	2	0	3	2
3	2	2	0	5	3	0	2	1	0	2	2	3	2
4	5	0	2	2	2	2	2	2	2	2	0	2	2
5	0	0	1	0	1	0	1	2	0	2	0	0	1
6	5	0	1	0	2	0	2	2	2	2	0	2	2
7	2	0	4	***	-	1	0	0	2	0	2	0	1
8	1	3	0	4	2	0	7	0	3	2	7	8	3
9	5	7	8	7	4	4	3	2	1	0	1	2	4
10	0	2	0	2	5	1	0	2	1	0	0	0	1
11	4	0	1	4	1	0	3	5	2	3	2	4	2
12	1	2	3	0	2	4	2	0	0	1	4	2	2
13	1	4	1	2	3	2	2	0	1	0	2	2	2
14	****	****	****	****	****	****	0	2	2	2	2	3	****
15	3	3	2	6	2	4	2	2	2	2	2	6	****
16	4	0	2	5	2	5	2	3	7	2	3	0	3
17	2	3	5	1	2	1	3	0	2	4	1	0	2
18	3	0	2	1	1	2	0	2	0	1	2	4	2
19	1	1	1	0	0	0	0	0	2	2	3	0	1
20	1	2	3	4	3	2	0	2	0	0	0	1	2
21	2	2	4	2	3	0	2	2	2	1	0	3	2
22	1	0	4	0	1	1	1	0	1	2	2	3	1
23	0	5	2	0	0	3	0	1	2	2	1	2	2
24	2	2	1	3	0	2	0	2	4	3	1	2	2
25	1	0	1	2	3	2	1	2	1	5	1	1	2
26	2	0	2	1	1	4	2	0	4	3	2	1	2
27	3	3	2	5	3	0	0	2	6	2	2	0	2
28	0	2	3	2	2	0	2	2	0	1	2	2	2
29	0	2	2	0	1	1	1	2	2	1	3	2	1
30	2	0	6	5	2	2	2	0	4	4	0	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - OCT 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	4	2	2	1	6	3	3	4	3
2	5	3	5	2	0	3	2	2	2	2	7	5	3
3	7	5	2	2	1	1	4	0	2	3	2	2	3
4	3	2	12	***	-	2	3	3	2	2	2	0	3
5	2	3	3	3	2	2	3	2	4	1	2	2	2
6	2	4	2	4	3	0	3	2	0	0	0	1	2
7	1	1	0	1	1	0	0	2	0	2	2	2	1
8	3	0	2	3	0	2	1	2	2	2	2	2	2
9	0	2	2	1	4	0	0	0	1	0	2	1	1
10	2	1	2	0	2	0	2	4	1	2	5	5	2
11	2	7	1	6	0	0	2	0	2	0	2	0	2
12	3	4	7	5	2	5	0	2	3	4	2	3	3
13	4	0	2	3	2	3	4	1	2	0	0	3	2
14	1	0	1	2	1	0	2	2	0	4	2	0	1
15	2	1	3	1	0	2	2	2	4	5	0	1	2
16	2	2	2	0	1	2	1	2	1	2	3	4	2
17	2	1	0	3	2	2	3	0	3	5	2	0	2
18	0	2	1	3	2	0	3	0	0	2	2	4	2
19	0	4	0	2	3	2	0	3	3	2	4	2	1
20	2	3	1	5	5	2	5	3	2	1	0	2	3
21	1	0	4	0	2	1	2	0	2	0	1	0	1
22	0	2	2	1	2	2	0	0	3	1	1	0	1
23	4	0	0	0	0	0	2	3	1	2	4	3	2
24	2	0	3	2	0	1	1	2	0	0	****	-	1
25	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	4	0	3	2	5	4	0	1	2
27	0	1	0	0	4	3	0	2	0	4	0	4	2
28	6	1	3	2	4	0	0	2	1	2	2	5	2
29	6	2	7	5	5	5	2	7	3	4	5	0	4
30	7	7	2	4	9	7	3	5	5	11	1	2	5
31	0	0	2	0	4	5	0	0	0	4	2	2	2
MEAN	2	2	3	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 4.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	0	8	0	0	6	0	2	1	3	2
2	7	5	5	3	2	3	0	3	3	3	0	6	3
3	0	1	4	4	6	7	4	0	4	2	2	9	4
4	8	10	3	8	5	2	1	0	0	2	5	1	4
5	0	4	3	2	6	2	0	0	2	6	2	2	4
6	3	0	6	3	2	2	0	0	0	4	3	0	2
7	1	0	3	1	2	1	0	6	2	1	5	4	2
8	0	0	0	0	0	4	2	4	1	2	0	2	2
9	2	2	0	0	6	5	5	4	1	2	0	2	1
10	3	6	3	4	0	7	0	2	2	2	3	2	3
11	0	4	0	3	0	2	9	2	1	2	0	2	3
12	0	2	6	0	5	2	2	5	4	0	0	0	2
13	1	0	0	2	0	3	2	0	0	0	0	0	1
14	2	0	1	2	2	2	0	5	0	0	0	0	1
15	3	2	0	0	1	1	0	6	2	5	2	2	2
16	1	2	6	0	2	4	0	4	5	2	3	0	2
17	1	7	4	0	9	2	1	2	8	6	0	4	3
18	2	2	0	2	0	2	1	2	8	6	0	8	4
19	****	****	****	****	****	****	****	****	****	****	****	****	*****
20	0	0	0	0	0	0	0	1	0	0	2	2	*****
21	0	2	0	0	1	4	0	1	2	0	1	2	0
22	0	1	0	0	2	4	1	5	1	2	0	4	1
23	7	0	0	3	****	4	0	1	0	2	0	0	2
24	0	5	0	2	0	0	3	1	3	2	2	0	2
25	0	3	1	2	3	8	2	1	6	3	2	1	2
26	10	1	2	0	0	0	0	0	5	5	3	6	3
27	2	0	0	3	2	2	5	0	0	0	4	2	2
28	6	2	0	0	3	2	2	0	5	0	2	0	2
29	1	0	1	0	2	2	0	0	2	0	0	0	1
30	2	0	4	5	3	3	0	3	3	2	2	2	2
MEAN	2	2	2	2	3	3	1	2	2	2	2	3	2.1

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	2	3	4	9	4	2	3	2	2	3	3
2	3	2	0	3	0	2	3	0	5	2	5	6	3
3	0	3	2	3	3	8	6	0	4	0	3	0	3
4	3	2	4	2	6	2	5	2	0	2	3	3	3
5	2	4	0	0	3	0	4	0	3	3	8	6	3
6	4	6	0	0	3	3	4	2	7	6	10	3	4
7	2	4	8	2	7	2	0	3	2	3	5	5	4
8	0	2	3	3	9	3	2	0	0	3	5	0	3
9	0	2	1	6	2	9	1	0	0	0	11	2	3
10	9	2	3	3	0	6	6	3	3	0	1	5	3
11	3	0	9	2	0	1	1	1	0	2	8	0	2
12	0	1	2	4	2	5	0	3	7	0	0	2	2
13	2	4	6	3	3	2	7	0	1	7	2	3	3
14	7	8	5	0	2	7	0	0	2	0	3	4	3
15	0	2	5	6	11	0	4	3	7	8	9	2	5
16	5	3	5	5	6	5	11	5	11	4	0	2	5
17	3	0	2	11	2	0	0	0	5	0	3	0	2
18	4	0	3	2	1	0	2	2	3	3	2	4	2
19	5	2	5	0	4	7	0	0	9	7	9	9	5
20	1	2	2	0	0	4	5	3	0	2	2	5	2
21	0	0	0	2	2	0	6	2	4	2	1	1	2
22	5	1	3	0	2	3	8	0	3	5	3	0	3
23	0	2	4	3	1	2	5	3	4	5	0	0	2
24	3	0	3	2	0	3	1	5	1	0	0	3	2
25	1	0	1	4	0	6	2	4	0	4	3	0	2
26	0	0	3	0	3	4	3	4	0	1	2	0	2
27	0	1	2	5	0	0	5	1	4	3	5	0	2
28	0	5	0	1	1	0	2	0	3	7	0	2	2
29	2	2	0	2	2	2	2	0	4	0	3	0	2
30	0	0	2	11	3	6	1	5	2	1	7	0	3
31	2	3	0	2	0	2	4	2	4	0	1	2	2
MEAN	2	2	3	3	3	3	3	2	3	3	4	2	2.7

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	4	11
FEB	29	2.4	8	17
MAR	31	2.1	5	18
APR	30	1.2	3	15
MAY	31	1.7	4	13
JUN	22	1.9	3	9
JUL	17	1.8	3	9
AUG	31	1.9	4	10
SEP	29	1.8	4	8
OCT	30	2.1	5	12
NOV	28	2.1	4	10
DEC	31	2.7	5	11
YEAR	340	2.0	8	18

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	324	44	1	0	0	0	0	369
FEB	294	48	2	3	0	0	0	347
MAR	329	39	1	1	0	0	0	370
APR	345	12	1	0	0	0	0	358
MAY	331	37	2	0	0	0	0	370
JUN	235	35	0	0	0	0	0	270
JUL	199	15	0	0	0	0	0	214
AUG	331	39	0	0	0	0	0	370
SEP	328	24	0	0	0	0	0	352
OCT	314	36	2	0	0	0	0	352
NOV	294	53	0	0	0	0	0	347
DEC	292	74	6	0	0	0	0	372
YEAR	3616	456	15	4	0	0	0	4091

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.1	0	0.0	0.0	1.3	2.1	4.3	5.4	7.0	8.4	18	2.0

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 26029			TRAILER EDNA/FREDERICK ST			KITCHENER			MONTH - AUG 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5	-	-	-	-	-	0	0	3	0	3	3	2	*****	
6	0	3	5	4	5	2	2	8	0	2	4	2	3	
7	3	1	0	5	0	4	0	3	2	2	2	2	2	
8	3	4	0	2	2	2	2	3	0	2	2	2	2	
9	2	2	2	7	8	9	3	3	3	2	7	5	4	
10	2	3	9	1	5	2	3	2	3	3	7	2	4	
11	5	1	3	7	2	2	2	2	0	2	3	7	3	
12	2	3	7	3	2	2	3	2	2	3	2	3	3	
13	2	2	3	2	3	0	1	2	0	3	2	0	2	
14	2	3	5	1	3	2	2	2	0	2	0	2	2	
15	2	0	2	0	0	2	2	0	6	0	0	3	1	
16	2	0	3	3	0	5	0	2	3	2	2	2	2	
17	2	3	9	3	2	5	3	2	5	2	2	2	2	
18	2	2	8	9	0	1	5	2	3	3	2	2	3	
19	7	9	9	15	9	5	3	8	3	10	5	7	8	
20	6	12	15	11	3	1	1	1	3	3	5	2	5	
21							- DATA UNAVAILABLE -							
22	4	5	5	7	4	5	4	4	0	3	3	2	4	
23	2	3	2	15	6	5	5	4	4	3	3	2	5	
24	1	4	7	9	4	2	7	2	4	3	11	5	5	
25	3	8	9	12	12	3	3	4	3	3	5	9	6	
26	6	7	8	16	13	3	5	5	4	5	6	5	7	
27	2	3	2	3	0	2	2	2	2	-	-	-	2	
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31	-	-	-	-	2	0	2	2	1	4	2	2	2	
MEAN	3	4	5	6	4	3	3	3	2	3	4	3	3.5	

PERCENTAGE OF DATA VALID - 71.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 29.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 26029			TRAILER EDNA/FREDERICK ST			KITCHENER			MONTH - SEP 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	13	2	4	2	2	4	0	2	2	3	
2	0	3	3	7	6	5	3	4	2	6	7	3	4	
3	5	4	5	13	2	6	2	2	2	5	2	3	4	
4	5	2	3	2	2	0	0	3	3	2	0	2	2	
5	0	2	0	1	0	2	0	0	0	0	3	0	1	
6	0	4	1	1	2	2	0	2	0	1	3	3	2	
7	2	0	2	2	0	1	2	0	5	0	5	3	2	
8	2	4	6	7	7	1	4	3	5	2	11	10	5	
9	12	10	11	13	****	****	7	3	2	3	0	0	6	
10	3	2	2	0	5	1	3	1	2	0	2	0	2	
11	1	0	0	4	3	1	2	1	2	0	6	5	2	
12	5	0	3	4	1	1	0	0	0	2	3	2	2	
13	1	1	2	3	4	5	0	1	2	2	2	2	2	
14	3	1	2	0	2	2	3	2	3	6	5	2	3	
15	6	12	12	13	6	12	6	7	9	5	9	6	9	
16	4	5	9	9	5	10	5	5	7	3	4	6	6	
17	0	7	3	7	4	6	5	7	3	0	4	2	4	
18	0	3	0	2	3	0	1	2	2	8	1	0	2	
19	2	1	0	3	0	3	0	2	0	0	2	2	1	
20	0	4	8	8	0	0	4	0	3	2	0	0	2	
21	3	0	2	3	0	0	0	2	0	3	2	0	1	
22	1	0	0	1	4	1	2	0	0	2	3	0	1	
23	1	6	0	6	****	-	-	-	-	-	-	-	*****	
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30	-	-	-	-	-	-	4	8	9	11	12	9	*****	
MEAN	3	3	3	5	3	3	2	2	3	3	4	3	3.1	

PERCENTAGE OF DATA VALID - 75.6

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 23.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - OCT 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	9	5	15	17	8	9	5	9	9	10	7	9
2	9	10	6	11	10	4	3	3	5	6	10	7	7
3	10	7	8	6	2	4	3	2	3	5	3	5	5
4	8	6	13	33	9	9	8	7	9	9	6	3	10
5	11	13	19	7	4	2	6	2	3	8	5	6	7
6	3	5	5	11	6	5	5	6	3	2	0	1	4
7	0	0	3	4	2	3	3	5	5	3	0	1	2
8	2	0	5	6	7	2	5	4	6	1	2	0	3
9	0	0	3	1	3	0	3	0	0	1	1	2	1
10	0	1	0	0	0	2	0	1	0	3	3	2	1
11	5	4	5	8	2	0	0	2	1	2	2	2	3
12	2	15	9	16	***	2	3	5	6	11	6	5	7
13	2	6	6	4	6	2	0	7	2	2	0	1	3
14	0	0	1	4	5	0	0	3	3	2	5	2	2
15	2	4	2	1	4	1	4	3	3	3	0	3	3
16	0	3	0	1	0	1	0	1	1	2	0	0	1
17	2	0	0	0	0	2	2	0	0	2	2	0	1
18	2	3	9	5	5	3	0	3	2	2	5	5	4
19	2	2	5	7	3	3	5	2	4	3	4	2	4
20	5	0	5	13	7	13	8	6	5	5	0	2	6
21	0	0	0	4	2	1	0	1	5	-	-	-	1
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26	-	-	-	-	1	5	4	3	2	2	2	2	3
27	2	2	3	9	5	2	2	4	2	3	2	2	3
28	2	2	1	2	2	5	3	3	3	2	4	2	3
29	3	2	3	2	1	2	0	3	3	2	2	2	2
30	2	4	5	5	3	3	3	3	3	3	1	4	3
31	2	2	5	3	4	2	1	1	0	2	2	2	2
MEAN	3	4	5	7	4	3	3	3	3	4	3	3	3.7

PERCENTAGE OF DATA VALID - 84.9

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 14.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - NOV 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	3	2	1	1	2	4	5	4	7	3
2	13	15	7	3	2	3	2	3	3	2	4	2	5
3	2	2	2	6	6	1	2	2	7	12	17	16	8
4	16	40	13	3	4	3	2	3	5	1	6	4	6
5	2	3	3	2	0	3	6	2	1	2	6	2	3
6	2	6	4	3	3	6	5	2	0	2	2	0	3
7	3	3	1	1	3	2	0	0	8	3	2	0	2
8	7	2	2	1	0	4	3	4	2	2	2	3	3
9	2	3	3	0	6	6	3	5	6	4	0	2	3
10	3	0	2	2	2	3	2	2	5	0	4	0	2
11	2	2	2	2	2	2	7	2	4	2	5	***	3
12	***	***	***	***	***	0	2	3	2	1	2	2	***
13	2	0	2	2	0	0	1	3	0	0	3	1	1
14	2	2	3	3	1	0	2	2	0	4	2	4	2
15	3	3	5	2	***	1	5	3	5	7	4	5	4
16	2	4	3	6	4	3	0	3	9	7	4	6	4
17	5	2	5	4	6	5	2	6	2	5	3	3	4
18	2	4	2	6	2	4	2	1	2	2	0	4	3
19	5	5	4	6	6	1	0	4	3	3	2	1	3
20	2	1	4	2	4	3	3	1	4	4	1	3	3
21	2	1	0	0	0	4	2	4	3	2	2	2	2
22	1	5	0	2	0	2	2	2	2	1	0	2	2
23	2	3	2	3	***	0	3	3	3	0	2	2	2
24	2	5	0	2	5	4	2	3	7	6	0	0	3
25	3	5	2	6	9	12	7	3	10	7	6	7	6
26	12	2	0	4	1	3	1	5	2	2	2	2	3
27	1	2	1	0	2	0	0	2	4	5	1	3	2
28	0	2	2	2	2	0	0	2	1	0	0	2	1
29	0	5	2	0	2	1	2	2	1	2	5	2	2
30	2	3	2	1	2	2	4	2	1	1	9	3	3
MEAN	4	5	3	3	3	3	2	3	4	3	3	3	3.1

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 26029			TRAILER EDNA/FREDERICK ST			KITCHENER	MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	2	2	3	6	7	2	8	5	5	3	4
2	4	2	4	2	2	3	3	5	3	5	0	4	3
3	2	2	3	5	5	2	5	2	3	9	3	7	4
4	2	3	3	2	6	4	6	6	6	5	2	5	4
5	4	2	5	0	5	3	4	5	4	7	9	15	5
6	9	8	4	11	5	10	6	9	4	6	10	2	7
7	2	3	3	5	0	3	2	3	4	5	2	2	3
8	2	0	4	9	11	13	5	5	0	4	2	0	5
9							- DATA INVALID -						
10	****	****	****	****	****	****	4	5	4	2	5	0	*****
11	0	2	3	3	0	4	3	3	6	3	2	5	3
12	7	5	5	3	7	7	4	3	4	2	1	2	4
13	1	0	2	2	4	3	0	3	8	5	5	2	3
14	3	2	3	2	5	0	0	3	2	2	2	2	2
15	5	7	3	5	3	6	7	5	16	15	9	5	7
16	4	7	12	15	13	13	11	8	11	7	2	5	9
17	3	3	6	6	****	****	****	3	0	5	2	2	3
18	0	0	2	2	2	5	2	2	5	2	6	3	3
19	9	5	2	5	4	5	5	3	9	19	10	18	8
20	7	4	3	3	7	5	2	0	6	1	2	3	4
21	2	0	2	4	1	0	2	5	4	3	3	2	2
22	0	2	2	4	2	2	3	5	3	2	4	3	3
23	4	3	3	2	3	3	4	5	2	1	2	0	3
24	0	4	1	0	2	8	6	3	2	5	4	4	3
25	1	5	2	7	4	2	4	5	5	4	3	2	4
26	2	0	6	0	3	3	2	1	0	0	0	0	1
27	0	1	3	0	4	4	2	5	2	3	5	7	3
28	3	3	0	3	4	5	4	4	4	7	8	0	4
29	4	4	3	3	5	2	3	2	2	2	4	4	3
30	2	1	4	3	6	5	0	4	5	8	5	5	4
31	9	1	1	1	3	4	3	3	4	2	0	0	3
MEAN	3	3	3	4	4	5	4	4	5	5	4	4	3.9

PERCENTAGE OF DATA VALID - 94.4

PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	22	3.5	8	16
SEP	22	3.1	9	13
OCT	27	3.7	10	33
NOV	29	3.1	8	40
DEC	29	3.9	9	19
YEAR	129	3.5	10	40

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA UNAVAILABLE						
FEB		DATA UNAVAILABLE						
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY		DATA UNAVAILABLE						
JUN		DATA UNAVAILABLE						
JUL		DATA UNAVAILABLE						
AUG	194	60	9	1	0	0	0	264
SEP	204	56	12	0	0	0	0	272
OCT	214	88	10	3	0	1	0	316
NOV	281	61	6	3	0	1	0	352
DEC	233	104	11	3	0	0	0	351
YEAR	1126	369	48	10	0	2	0	1555

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

84.7

0

0.0

1.3

2.2

3.7

6.7

8.9

12.3

14.6

40

3.5

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 27035			383 ALBERTA ST			WELLAND			MONTH - JAN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	0	1	0	0	2	4	0	0	2	3	6			
2	3	2	0	2	5	2	0	0	3	2	4	4			
3	4	0	2	6	2	2	0	3	0	1	1	5			
4	0	3	2	0	0	3	5	1	5	2	3	2			
5	0	0	2	3	2	2	2	2	2	4	2	3			
6	2	2	4	1	5	6	6	4	2	4	4	2			
7	3	5	1	6	2	4	3	2	1	1	0	2			
8	0	2	0	1	3	2	4	1	0	6	2	2			
9	0	3	7	2	2	4	2	***	8	0	5	0			
10	2	2	2	2	8	3	2	0	0	3	0	5			
11	9	7	6	4	3	5	4	7	4	3	0	2			
12	4	5	2	7	3	9	5	2	3	4	4	4			
13	4	3	2	8	5	7	5	7	7	8	2	0			
14	7	5	6	0	4	3	2	2	1	3	2	0			
15	2	0	4	0	2	4	0	5	2	0	4	3			
16	2	0	5	2	5	5	2	0	2	1	0	3			
17	6	4	4	4	4	2	3	0	2	0	3	2			
18	2	4	0	6	2	4	3	3	0	8	0	4			
19	0	0	2	2	7	4	6	4	12	13	9	7			
20	3	0	4	6	0	2	4	5	0	2	2	9			
21	1	3	2	3	4	3	4	8	6	9	5	2			
22	3	4	5	1	6	2	11	8	2	7	2	2			
23	6	3	0	0	2	7	0	4	0	4	0	2			
24	2	4	2	2	3	2	6	2	3	5	4	7			
25	5	6	3	6	3	2	7	4	5	0	3	7			
26	6	0	6	3	2	5	7	7	11	0	0	6			
27	0	3	2	4	2	0	2	0	4	4	0	3			
28	0	5	0	3	0	2	5	5	2	5	3	1			
29	5	0	3	6	2	7	4	2	2	2	3	2			
30	2	0	5	0	7	2	3	3	4	10	6	2			
31	5	6	2	2	1	0	0	3	0	5	3	4			
MEAN	3	3	3	3	3	3	4	3	3	4	3	3	3.1		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27035				383 ALBERTA ST WELLAND				MONTH - FEB 76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	2	7	4	3	7	0	2	5	5	2	5			
2	0	4	3	2	2	4	3	3	7	0	0	3			
3	0	3	4	5	2	3	3	8	2	3	15	5			
4	0	9	11	2	3	3	2	0	5	3	0	7			
5	0	3	2	5	11	9	2	2	2	7	0	6			
6	4	5	4	2	5	5	2	3	9	1	0	0			
7	0	0	0	0	0	2	0	2	0	3	1	0			
8	0	0	0	2	0	0	0	0	0	0	0	0			
9	3	3	0	5	4	3	6	2	1	3	0	3			
10	3	4	1	2	2	3	3	2	2	5	5	3			
11	3	2	0	1	0	0	2	3	2	1	****	****			
12							- DATA INVALID -								
13	****	****	****	****	****	****	****	0	2	0	2	0	****		
14	0	0	5	4	0	4	5	0	3	6	2	0			
15	3	0	2	2	3	3	1	2	4	4	1	0			
16	0	0	2	2	0	4	1	0	2	3	0	2			
17	3	3	2	1	3	3	2	0	1	0	5	0			
18	2	0	3	3	8	9	2	3	3	2	0	1			
19	2	0	5	3	4	3	2	2	4	2	5	0			
20	4	3	2	1	0	2	3	7	5	4	1	3			
21	3	3	4	2	3	3	3	0	0	3	2	3			
22	2	4	2	5	2	1	2	0	5	0	0	2			
23	0	3	0	3	3	7	3	5	0	2	0	3			
24	3	1	3	0	2	3	3	3	2	5	0	5			
25	8	5	5	5	5	4	0	0	5	3	9	5			
26	7	3	7	5	7	5	8	8	6	3	5	5			
27	8	3	3	10	0	5	2	1	2	0	5	3			
28	0	2	4	4	3	8	3	2	1	2	2	7			
29	4	5	2	5	4	6	8	2	3	5	0	2			
MEAN	2	3	3	3	3	4	3	2	3	3	2	3	2.8		

PERCENTAGE OF DATA VALID - 94.0

PERCENTAGE OF DATA INVALID - 6.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 27035 383 ALBERTA ST WELLAND							MONTH - MAR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	4	5	3	2	3	0	6	2	1	4	3
2	0	0	3	2	3	0	0	5	0	6	6	0	2
3	1	0	0	2	0	4	2	1	3	11	6	8	3
4	6	2	8	7	5	6	7	3	3	2	3	5	5
5	13	6	6	4	1	8	2	2	2	0	5	2	4
6	2	2	3	6	2	0	2	2	0	0	3	2	2
7	0	5	0	0	0	7	0	0	2	3	2	1	2
8	4	0	7	0	2	3	9	2	2	3	4	2	3
9	6	6	6	6	3	1	2	1	6	2	2	0	3
10	2	3	2	0	9	0	5	7	5	11	5	2	4
11	3	2	0	3	4	0	6	2	2	2	0	0	2
12	2	3	3	0	3	2	***	2	2	1	5	0	2
13	3	2	0	4	4	0	2	2	7	1	3	0	2
14	5	0	2	3	6	2	4	1	5	0	0	0	2
15	1	0	2	0	6	3	2	2	2	6	2	1	2
16	3	5	0	5	3	5	2	2	3	7	0	0	3
17	2	0	0	0	0	6	2	0	4	1	3	5	2
18	5	0	0	2	3	5	8	2	2	3	2	2	3
19	4	7	4	5	1	0	5	8	0	1	3	2	3
20	2	7	2	0	4	2	2	1	5	1	2	2	3
21	4	4	1	0	4	0	2	0	2	2	6	2	2
22	2	1	2	1	2	6	6	***	1	0	2	3	2
23	0	2	1	3	2	11	0	6	3	9	5	2	4
24	2	2	4	1	3	2	4	1	5	3	2	0	2
25	1	0	2	2	0	3	2	1	1	4	3	2	2
26	1	4	2	9	4	1	2	2	0	3	2	0	3
27	5	2	2	0	3	1	2	5	2	1	2	1	2
28	1	3	0	0	0	0	0	5	2	0	0	2	1
29	4	7	3	3	3	0	1	3	3	2	2	2	3
30	4	0	1	6	3	2	0	0	0	1	2	2	2
31	1	0	0	3	2	2	1	1	0	3	1	0	1
MEAN	3	2	2	3	3	3	3	2	3	3	3	2	2.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 27035 383 ALBERTA ST WELLAND							MONTH - APR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	0	3	1	4	2	3	0	0	1	0	1
2	1	1	3	5	0	***	-	2	0	0	0	2	1
3	0	0	2	2	3	1	3	2	2	0	2	3	1
4	2	2	3	3	3	3	0	3	0	1	5	0	2
5	2	3	5	2	0	4	9	2	2	5	0	2	3
6	0	7	3	5	5	2	3	2	2	0	7	5	4
7	2	0	3	1	7	0	0	3	0	0	2	2	2
8	0	2	0	5	1	3	0	3	0	2	3	8	2
9	5	3	5	0	1	0	3	5	2	2	0	5	3
10	1	5	5	11	4	9	2	0	6	4	3	4	5
11	2	3	2	2	0	0	4	2	0	2	4	0	2
12	3	2	0	2	4	0	9	3	0	0	2	3	2
13	5	0	7	5	8	0	4	4	2	8	3	9	5
14	3	2	2	7	11	7	6	9	7	6	5	5	6
15	6	2	5	2	8	4	5	4	8	7	5	0	5
16	5	2	3	5	5	0	2	8	4	7	3	3	4
17	2	2	10	4	5	2	3	2	2	3	11	7	5
18	7	0	5	5	7	1	0	0	3	4	3	3	3
19	10	4	3	0	4	7	3	3	0	4	4	0	4
20	2	5	0	2	5	0	2	2	3	0	3	4	2
21	0	6	2	4	5	9	3	5	2	10	4	2	4
22	4	0	3	3	0	11	7	4	0	5	0	0	3
23	0	5	0	3	1	2	2	3	0	10	2	0	2
24	0	2	5	3	5	0	4	2	2	3	0	6	3
25	4	0	0	0	2	0	3	0	2	0	3	5	2
26	2	0	0	2	2	0	3	0	0	0	9	2	2
27	10	0	2	0	0	3	0	0	3	0	3	2	2
28	4	3	5	2	5	2	0	2	2	5	2	2	3
29	3	0	3	3	3	0	0	0	5	0	2	5	2
30	5	5	2	7	0	2	0	2	1	3	11	4	4
MEAN	3	2	3	3	4	3	3	3	2	3	4	3	2.9

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27035				383 ALBERTA ST WELLAND				MONTH - MAY 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	7	3	2	3	5	9	3	3	0	3	4	
2	3	3	4	6	2	7	3	0	0	0	8	17	4	
3	0	11	0	2	3	3	3	4	0	0	5	4	3	
4	0	0	3	0	2	5	0	3	0	0	9	0	2	
5	5	3	0	9	3	3	2	5	2	0	11	2	4	
6	2	3	0	2	0	2	2	2	0	3	0	0	1	
7	2	0	4	0	5	2	0	4	0	0	5	0	2	
8	3	0	7	0	0	2	0	13	0	5	2	7	3	
9	3	2	3	7	9	2	0	4	7	5	4	3	4	
10	2	2	0	5	5	0	2	2	2	0	2	5	2	
11	2	4	3	0	5	0	3	0	2	0	0	2	2	
12	0	5	0	2	2	0	2	0	0	1	0	3	1	
13	0	0	3	0	0	5	0	***	0	4	1	1	1	
14	0	1	2	3	3	0	2	0	0	2	0	5	2	
15	0	2	7	1	1	2	5	0	0	6	7	0	3	
16	0	2	2	3	0	1	2	4	4	6	3	1	2	
17	0	3	6	1	0	2	0	0	0	3	5	4	2	
18	4	5	3	1	2	3	0	0	1	0	3	0	2	
19	0	0	5	0	0	0	1	0	0	2	1	3	1	
20	0	0	2	5	2	0	6	5	2	4	2	4	3	
21	1	1	1	0	0	2	4	0	0	0	2	0	1	
22	2	0	1	0	0	2	5	1	0	0	1	3	1	
23	1	2	0	3	0	2	2	0	1	0	3	2	1	
24	9	2	2	2	0	1	0	2	0	0	0	0	2	
25	3	0	1	0	6	0	3	***	1	4	2	1	2	
26	2	0	6	9	6	2	2	0	1	3	2	2	3	
27	0	0	2	2	0	1	5	0	0	0	2	2	1	
28	0	3	3	7	4	0	4	0	0	5	5	2	3	
29	0	0	1	0	0	0	1	2	1	2	0	3	1	
30	1	2	2	2	6	2	0	0	0	1	1	3	2	
31	0	2	9	2	0	1	0	3	0	0	4	7	2	
MEAN	2	2	3	2	2	2	2	2	1	2	3	3	2.1	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION · WC NO 27035		383 ALBERTA ST		WELLAND		MONTH - JUN 76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	1	0	2	0	1	1	1	2	1	1
2	2	1	3	1	9	4	1	0	1	3	2	7	3
3	5	6	5	7	0	2	3	0	1	0	5	2	3
4	5	2	5	3	1	2	4	2	1	2	0	1	2
5	3	2	3	3	2	0	0	4	2	1	6	2	2
6	0	3	1	6	3	7	2	0	2	0	2	0	2
7	0	2	3	3	2	6	0	3	6	2	0	2	2
8	0	3	5	10	1	1	4	0	0	2	5	0	3
9	0	5	6	6	5	2	1	0	3	0	7	3	3
10	5	3	9	13	5	7	4	5	0	3	3	3	5
11	6	5	5	2	7	1	0	4	4	2	0	1	3
12	0	2	0	0	0	0	0	0	2	0	2	5	1
13	0	5	0	7	0	5	2	2	2	0	3	0	2
14	4	0	7	2	2	3	2	5	3	0	0	2	3
15	0	3	4	3	2	3	2	2	2	5	3	3	3
16	2	5	0	5	7	4	5	7	1	5	5	2	4
17	1	0	5	2	5	0	0	0	0	0	3	1	1
18	0	3	2	0	0	4	0	3	0	0	5	2	2
19	4	2	2	1	0	0	0	0	2	0	2	0	1
20	2	2	0	2	0	0	3	0	3	5	2	7	2
21	9	0	2	0	3	0	5	0	2	5	3	2	3
22	2	0	2	0	4	7	2	5	2	9	9	7	4
23	7	5	10	3	****	-	-	-	-	-	-	-	*****
24							-	-	-	-	-	-	
25							-	-	-	-	-	-	
26							-	-	-	-	-	-	
27							-	-	-	-	-	-	
28							-	-	-	-	-	-	
29							-	-	-	-	-	-	
30							-	-	-	-	-	-	
MEAN	2	3	4	3	3	3	2	2	2	2	3	3	2.6

PERCENTAGE OF DATA VALID - 74.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 25.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27035 383 ALBERTA ST WELLAND

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	6	13
FEB	27	2.8	6	15
MAR	31	2.6	5	13
APR	30	2.9	6	11
MAY	31	2.1	4	17
JUN	22	2.6	5	13
YEAR	172	2.7	6	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27035 383 ALBERTA ST WELLAND

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	278	89	4	0	0	0	0	371
FEB	255	69	3	0	0	0	0	327
MAR	296	70	4	0	0	0	0	370
APR	271	82	5	0	0	0	0	358
MAY	313	53	3	1	0	0	0	370
JUN	206	61	1	0	0	0	0	268
YEAR	1619	424	20	1	0	0	0	2064

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
94.5	0	0.0	0.6	1.8	3.0	5.5	6.8	8.7	10.0	17	2.7

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036

646 DEERE ST WELLAND

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	0	2	0	0	2	1	0	3	3	1
2	3	2	4	3	2	3	2	0	4	2	2	2	2
3	0	2	2	1	0	3	0	1	2	2	4	2	2
4	0	0	2	1	0	0	0	0	0	0	2	0	0
5	0	0	0	3	6	2	0	4	2	2	0	4	2
6	0	5	2	2	1	2	0	4	2	2	4	0	2
7	2	4	0	0	2	3	7	5	0	3	0	3	2
8	2	5	2	1	4	4	2	0	2	2	1	2	2
9	0	0	2	0	3	0	1	2	0	1	2	2	1
10	0	0	3	2	3	2	2	3	0	0	2	2	2
11	3	2	2	2	2	2	4	2	3	0	2	0	2
12	6	4	2	0	4	2	2	1	0	1	0	0	2
13	6	2	3	5	2	4	3	0	4	4	0	3	3
14	3	7	2	0	0	0	0	0	0	0	2	2	1
15	3	3	0	0	2	3	2	2	2	0	0	2	2
16	4	0	2	0	0	0	0	2	0	1	2	2	1
17	3	2	3	2	0	0	0	2	2	0	2	2	2
18	2	0	0	0	0	3	2	0	2	2	3	5	2
19	0	0	5	2	7	2	0	0	4	2	1	2	2
20	2	0	1	2	0	2	2	1	1	2	0	2	1
21	4	2	0	0	2	0	2	0	0	3	2	2	1
22	0	0	0	2	0	3	0	0	2	2	0	3	1
23	5	2	0	1	2	3	2	3	1	4	0	0	2
24	1	2	0	0	3	0	5	0	0	2	5	3	2
25	3	0	3	0	0	2	3	2	2	0	1	2	2
26	1	2	4	0	0	0	3	0	0	3	2	2	1
27	0	2	0	3	2	2	2	2	5	0	4	1	2
28	2	3	1	3	2	0	0	5	1	0	2	2	2
29	0	0	0	2	0	0	2	1	6	0	2	2	1
30	1	0	5	6	0	2	2	0	2	2	2	3	2
31	2	0	3	2	2	0	0	0	3	3	5	0	2
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036

646 DEERE ST WELLAND

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	0	4	1	2	2	0	2	0	1
2	0	2	0	0	5	2	3	0	2	6	0	0	2
3	5	0	4	0	2	0	0	4	1	2	0	3	2
4	3	2	0	0	2	2	0	3	0	5	7	3	2
5	0	2	2	2	0	0	5	0	5	0	2	3	2
6	2	3	0	2	6	0	2	0	0	0	0	0	1
7	0	0	0	3	0	3	0	2	0	0	0	7	1
8	2	0	4	0	3	0	0	0	3	0	0	0	1
9	2	0	0	0	2	6	0	2	0	5	2	4	2
10	7	3	0	0	0	0	3	2	0	0	4	8	2
11	0	0	1	0	11	2	2	5	0	0	0	2	2
12	0	0	4	3	0	3	0	4	0	12	5	1	3
13	5	0	3	0	5	6	0	0	5	0	0	0	2
14	2	2	4	3	2	0	2	0	0	5	0	2	2
15	0	3	3	0	0	6	2	2	1	2	0	0	2
16	0	0	2	2	5	0	0	2	3	2	0	0	2
17	0	2	5	0	0	0	0	0	0	2	0	0	1
18	4	4	0	6	0	3	0	0	1	0	0	6	1
19	0	11	8	2	0	6	0	3	0	3	3	2	2
20	4	0	0	2	0	4	2	0	3	0	8	0	4
21	2	12	2	4	2	1	3	4	2	6	0	4	4
22	4	0	0	3	2	8	0	2	2	2	0	0	2
23	0	3	0	2	2	2	0	0	0	0	2	1	1
24	2	3	2	2	0	2	0	2	3	0	5	0	2
25	2	2	0	3	0	5	2	0	3	4	3	0	2
26	3	2	2	3	4	7	5	7	2	0	1	2	3
27	0	3	6	7	2	0	0	7	3	0	2	13	4
28	7	7	3	0	2	3	0	0	5	2	0	3	3
29	3	2	0	3	6	6	6	2	6	8	3	2	4
MEAN	2	2	2	2	2	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036				646 DEERE ST WELLAND				MONTH - MAR 76						MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24		
1	6	7	5	0	8	3	6	0	6	0	1	0		
2	3	0	0	0	5	5	9	2	11	4	0	2		
3	3	0	7	2	0	2	4	0	6	3	3	2		
4	0	5	0	0	4	0	0	4	9	5	0	7		
5	12	0	3	2	2	0	9	0	0	5	0	3		
6	3	5	4	3	0	0	2	0	0	3	4	6		
7	0	2	2	3	0	3	0	1	0	0	0	0		
8	2	0	2	10	2	0	0	0	0	0	0	0		
9	0	2	2	6	2	6	0	3	0	2	0	0		
10	4	0	2	2	2	5	2	2	2	0	4	0		
11	0	2	3	0	0	0	2	2	2	0	2	2		
12	0	0	8	0	2	0	6	3	0	0	0	0		
13	2	1	2	0	3	2	3	5	0	0	0	0		
14	2	2	5	12	5	0	3	2	0	2	0	2		
15	0	0	2	7	2	2	0	0	3	5	0	0		
16	0	5	1	0	1	2	0	2	2	9	1	0		
17	4	0	0	0	0	5	0	0	2	2	0	4		
18	0	0	0	0	7	0	0	0	0	0	0	0		
19	3	3	0	3	0	0	3	5	2	0	3	0		
20	0	5	1	0	2	0	0	0	2	0	2	0		
21	3	0	3	0	2	2	0	2	0	2	0	7		
22	0	0	0	0	7	2	0	0	1	2	2	0		
23	2	0	0	6	2	0	1	0	2	0	2	1		
24	0	0	0	0	0	0	0	0	0	0	0	0		
25	0	0	2	0	0	0	0	0	2	2	2	2		
26	2	0	2	1	0	2	0	2	0	3	0	0		
27	3	3	2	1	0	0	0	2	0	0	0	0		
28	0	0	2	0	0	0	0	0	2	3	0	0		
29	0	2	2	2	1	2	3	0	2	2	0	0		
30	2	0	0	3	3	0	0	0	2	3	4	3		
31	1	0	0	1	0	0	1	0	2	1	2	0		
MEAN	2	1	2	2	2	1	2	1	2	2	1	1	1.7	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036				646 DEERE ST WELLAND				MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	0	3	1	0	0	0	0	2	
2	0	3	0	3	0	2	1	0	3	0	0	0	
3	2	0	2	0	0	4	2	0	0	0	2	2	
4	0	2	0	0	0	1	1	0	2	0	2	1	
5	0	0	5	2	0	1	4	0	1	0	0	0	
6	1	3	1	0	2	0	2	3	0	0	2	0	
7	0	5	6	0	0	2	2	0	2	1	0	0	
8	0	1	0	0	1	1	0	0	2	0	1	4	
9	3	0	0	0	1	2	4	***	0	2	2	3	
10	2	2	1	1	1	0	2	2	2	5	4	0	
11	0	1	2	2	0	2	0	2	1	1	1	0	
12	0	2	0	1	3	0	0	0	0	2	0	2	
13	2	0	3	6	0	1	2	1	2	2	1	3	
14	3	2	1	2	5	1	3	3	0	2	2	3	
15	7	2	2	3	2	2	2	***	2	3	0	3	
16	1	1	2	1	2	2	0	2	2	2	1	2	
17	1	2	5	5	1	2	2	2	3	2	9	5	
18	2	1	5	2	5	2	0	0	2	5	5	2	
19	2	5	3	2	4	2	2	0	3	1	4	0	
20	1	6	3	2	3	2	0	2	2	1	2	1	
21	2	0	3	4	1	2	2	3	2	3	5	1	
22	2	0	1	2	1	0	1	3	3	1	2	1	
23	2	2	2	2	2	2	***	2	0	0	0	2	
24	3	4	3	3	2	2	0	0	2	2	2	5	
25	2	0	0	1	1	2	2	0	2	2	3	0	
26	2	0	0	0	3	2	0	0	0	3	0	5	
27	7	0	3	0	3	2	3	2	2	2	1	3	
28	1	1	0	1	3	***	0	0	0	2	0	0	
29	0	0	1	0	3	1	***	0	0	0	3	3	
30	0	3	2	0	1	3	3	0	3	1	5	4	
MEAN	2	2	2	2	2	2	1	1	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036 646 DEERE ST WELLAND

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	5	2	5	3	5	2	2	2	2	6	3
2	2	3	5	2	5	4	2	2	0	2	0	0	2
3	2	0	3	0	2	2	2	2	0	3	3	3	2
4	0	2	0	3	2	2	0	0	2	3	2	3	2
5	2	2	2	3	3	2	2	5	2	2	2	2	2
6	0	0	0	0	0	0	0	2	0	2	2	3	1
7	2	0	2	2	3	2	0	2	6	2	0	0	2
8	4	2	0	0	2	2	2	0	0	2	2	0	1
9	0	3	0	3	0	5	0	3	0	2	0	2	2
10	0	2	2	2	2	4	3	0	2	2	2	2	2
11	2	3	2	2	3	2	0	0	4	2	2	0	2
12	0	0	0	2	0	0	4	0	3	0	0	0	1
13	3	0	0	3	0	5	0	-	1	0	4	1	2
14	1	1	3	0	3	1	3	3	0	0	0	3	2
15	0	0	0	0	2	0	0	1	1	2	2	1	1
16	4	3	1	2	0	0	1	0	3	2	0	4	2
17	0	2	3	2	2	3	0	0	2	2	3	0	2
18	1	3	0	2	2	2	3	2	0	2	0	2	2
19	0	3	0	0	0	2	0	0	0	2	0	0	1
20	3	0	0	0	0	3	3	5	1	3	7	7	3
21	9	3	0	2	0	0	2	5	0	2	0	3	2
22	3	0	2	0	0	0	2	0	0	7	3	2	2
23	0	0	3	2	7	2	3	2	0	0	0	2	2
24	0	2	2	2	2	5	3	0	2	2	5	1	2
25	0	0	5	0	9	0	0	2	5	3	3	0	2
26	3	3	9	11	9	***	3	0	0	3	0	0	4
27	0	2	2	3	3	3	2	0	0	2	0	2	2
28	2	2	5	0	0	3	3	2	5	2	7	2	3
29	7	0	0	2	0	2	3	3	0	2	3	0	2
30	1	2	3	0	0	5	7	2	0	3	3	3	2
31	0	0	0	2	2	0	2	2	2	0	5	5	2
MEAN	2	1	2	2	2	2	2	2	1	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036 646 DEERE ST WELLAND

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	5	5	3	3	3	0	3	3	3	2	3
2	7	0	9	5	9	5	3	0	0	2	0	2	4
3	2	7	2	11	5	2	0	0	8	0	2	2	3
4	9	3	3	0	0	2	7	7	3	2	2	0	3
5	5	0	3	3	3	5	3	2	0	5	0	2	3
6	5	2	5	3	5	3	1	0	0	0	0	0	2
7	0	0	0	3	0	2	0	3	2	2	3	2	1
8	0	3	7	2	9	2	5	***	3	5	0	0	3
9	9	5	5	2	3	9	2	2	3	0	2	0	4
10	0	0	0	2	7	2	2	0	2	2	0	2	2
11	0	2	3	5	3	2	5	0	0	1	5	0	2
12	7	0	0	0	3	5	5	3	0	0	4	2	2
13	5	3	3	0	3	5	5	0	3	0	2	4	3
14	0	0	7	3	5	5	0	4	2	5	0	7	3
15	0	3	0	3	0	5	9	2	0	0	5	0	2
16	9	7	0	0	5	3	0	2	7	0	7	0	3
17	2	3	5	0	2	2	4	0	2	2	4	2	2
18	2	2	0	3	5	0	0	5	0	0	0	3	2
19	3	0	5	0	5	2	0	1	0	5	0	2	2
20	0	0	2	5	0	3	0	3	0	3	0	5	2
21	0	0	3	0	2	0	0	0	2	2	0	2	1
22	2	3	3	0	0	3	2	3	2	2	7	3	3
23	5	7	7	5	6	12	2	***	-	-	-	-	*****
24													
25													
26													
27													
28													
29													
30													
MEAN	3	2	3	3	4	4	3	2	2	2	2	2	2.6

PERCENTAGE OF DATA VALID - 75.0

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 24.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036 646 DEERE ST WELLAND

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	3	7
FEB	29	2.1	4	13
MAR	31	1.7	4	12
APR	30	1.6	3	9
MAY	31	1.8	4	11
JUN	22	2.6	4	12
YEAR	174	1.9	4	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27036 646 DEERE ST WELLAND

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	351	21	0	0	0	0	0	372
FEB	294	48	5	0	0	0	0	347
MAR	330	39	3	0	0	0	0	372
APR	333	22	0	0	0	0	0	355
MAY	337	32	1	0	0	0	0	370
JUN	204	64	2	0	0	0	0	270
YEAR	1849	226	11	0	0	0	0	2086

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
95.5	0	0.0	0.0	1.2	1.9	4.2	5.3	6.9	8.5	13	1.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037

NORTH/GENEVA STREET, ST. CATHARINES

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7	-	-	-	-	-	-	3	5	0	9	2	2	*****
8	4	0	3	0	3	2	0	4	0	3	3	0	2
9	0	1	2	5	2	0	0	4	2	0	2	2	2
10	0	2	2	5	4	2	1	4	4	0	1	4	2
11	0	3	2	0	6	3	0	5	0	0	0	0	2
12	3	0	0	0	2	3	2	4	2	2	4	0	2
13	3	3	3	0	0	5	2	3	3	2	5	2	3
14	6	2	0	5	0	3	2	4	3	7	0	2	3
15	5	7	5	3	0	0	2	0	2	2	3	8	3
16	1	7	2	4	2	4	0	0	0	3	7	2	3
17	2	9	0	14	0	0	7	3	3	4	0	2	4
18	2	2	0	4	0	2	2	0	0	2	2	0	1
19	2	0	3	0	0	0	0	2	3	3	1	7	2
20	2	2	0	3	7	2	2	2	6	7	9	7	4
21	6	2	0	3	5	2	2	2	0	0	2	4	2
22	3	0	0	3	0	0	0	2	0	6	4	3	2
23	0	2	0	1	0	4	0	0	3	0	3	0	1
24	4	2	0	2	2	0	2	0	2	2	0	0	1
25	0	6	0	0	0	3	0	2	7	0	2	5	2
26	0	2	3	7	1	2	2	7	5	4	6	4	4
27	2	3	4	3	2	1	3	3	3	0	0	0	2
28	2	1	7	6	0	5	0	4	0	7	7	5	4
29	0	8	3	2	3	6	3	3	3	2	3	5	3
30	5	0	4	2	1	2	2	3	3	2	0	0	2
31	5	0	0	5	7	7	3	5	3	3	2	5	4
MEAN	2	3	2	3	2	2	2	3	2	3	3	3	2.5

PERCENTAGE OF DATA VALID - 79.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 21.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037

NORTH/GENEVA STREET, ST. CATHARINES

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	0	0	3	3	5	3	0	7	2
2	5	5	6	3	3	3	2	0	2	0	2	4	3
3	3	3	3	3	3	0	0	3	0	2	3	5	2
4	5	2	2	7	7	0	2	0	3	5	2	3	3
5	5	0	2	2	3	0	2	0	0	3	3	2	2
6	3	3	7	2	2	7	0	0	2	0	0	2	2
7	3	2	2	2	0	0	0	2	2	3	3	3	2
8	7	2	3	3	3	7	3	2	3	7	0	5	4
9	0	9	7	8	3	3	3	1	1	5	0	2	4
10	0	3	5	2	3	****	3	2	0	0	3	3	2
11	2	3	3	0	0	0	3	3	2	3	3	0	2
12	0	2	0	2	0	0	1	2	0	3	2	0	1
13	0	2	3	2	4	0	3	3	2	3	2	0	2
14	2	3	3	5	0	2	3	0	7	2	2	5	3
15	3	0	3	2	2	2	3	3	****	****	****	****	2
16	****	****	****	****	****	****	0	2	0	5	0	3	*****
17	0	2	3	0	0	2	0	0	0	0	2	2	1
18	0	3	5	9	3	5	0	****	4	2	8	1	4
19	2	3	1	9	0	3	1	7	0	2	0	2	3
20	0	2	0	0	0	2	0	2	2	2	2	0	1
21	3	2	3	0	4	0	0	2	0	1	0	0	1
22	1	0	1	0	5	2	2	2	4	5	1	11	3
23	5	9	9	9	9	0	9	****	2	2	5	0	5
24	4	4	2	9	6	2	4	5	0	0	2	2	3
25	0	0	7	2	0	2	4	0	0	0	1	4	2
26	0	0	0	3	2	1	2	0	0	7	2	0	1
27	2	0	2	0	3	0	0	5	2	2	0	1	1
28	2	0	5	5	1	3	3	2	0	2	0	3	2
29	0	0	3	2	1	3	2	3	0	3	3	3	2
30	2	5	6	4	4	3	3	0	2	0	0	0	2
MEAN	2	2	3	3	3	2	2	2	2	2	2	3	2.3

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27037				NORTH/GENEVA STREET, ST. CATHARINES				MONTH - JUL 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	0	3	4	0	5	0	3	0	2	3	2
2	0	2	0	2	0	2	3	5	4	0	5	0	2
3	2	0	2	4	0	2	1	0	0	2	0	0	1
4	0	2	0	0	0	0	2	0	2	2	3	9	2
5	7	4	5	5	3	5	2	2	0	0	3	0	3
6	3	2	9	9	0	5	2	9	0	3	0	2	4
7	3	0	0	2	2	5	13	3	0	0	3	0	3
8	3	2	2	2	2	2	0	2	0	5	0	0	2
9	2	0	3	0	0	0	2	6	0	5	4	3	2
10	7	8	7	3	4	2	5	3	2	0	4	3	4
11	1	2	3	0	3	2	0	1	0	2	0	1	1
12	2	0	2	1	2	0	0	2	1	0	1	2	1
13	0	3	0	0	4	1	0	2	2	0	0	0	1
14	1	2	3	0	2	***	2	3	1	3	0	3	2
15	0	5	5	0	1	1	0	3	4	2	2	0	2
16	0	1	5	0	0	0	1	0	2	0	0	0	1
17	4	3	0	3	2	2	1	0	2	0	0	3	2
18	3	0	1	0	0	3	2	1	3	4	0	3	1
19	2	2	0	6	6	6	3	5	0	0	3	3	3
20	2	0	0	15	4	1	11	6	0	3	0	0	4
21	3	3	2	2	0	***	3	2	2	6	3	5	3
22	3	4	5	3	5	1	0	5	4	0	2	1	3
23	2	4	2	3	2	8	4	0	5	4	1	1	3
24	6	2	3	0	0	2	0	0	2	0	0	2	1
25	0	3	3	0	0	0	2	0	2	3	3	0	1
26	5	0	3	0	0	3	8	0	0	2	5	0	2
27	0	2	5	2	3	9	4	4	5	2	2	2	3
28	0	4	8	0	3	4	0	3	0	2	0	2	2
29	0	2	2	0	1	4	0	5	1	2	3	0	2
30	3	0	0	4	0	2	2	0	4	3	3	2	2
31	3	0	5	5	0	9	2	0	0	7	3	0	3
MEAN	2	2	3	2	2	3	3	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27037				NORTH/GENEVA STREET, ST. CATHARINES				MONTH - AUG 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	3	7	0	0	2	0	2	3	1
2	0	0	0	2	0	3	0	0	5	8	3	0	2
3	3	2	6	3	0	0	5	2	3	2	0	0	2
4	0	4	9	6	0	2	7	0	3	1	5	8	4
5	2	4	6	8	7	9	0	3	3	3	3	3	4
6	0	0	3	0	0	0	3	0	2	0	2	3	1
7	0	0	0	2	1	3	0	0	0	0	2	0	1
8	2	0	2	7	0	3	4	0	3	0	3	2	2
9	0	0	2	3	3	0	0	1	3	3	2	3	2
10	2	5	5	6	1	1	3	0	0	0	0	0	2
11	0	2	2	4	9	2	3	5	2	4	1	2	3
12	0	0	2	6	2	7	2	5	1	2	6	4	3
13	0	3	3	0	0	5	0	0	0	5	0	2	2
14	0	4	1	0	3	3	0	2	0	2	0	0	1
15	4	1	0	4	0	2	0	5	2	2	0	2	2
16	7	2	6	5	0	2	6	2	2	2	2	3	3
17	4	0	36	2	0	7	0	0	3	0	0	3	5
18	5	0	0	4	9	0	0	3	2	3	5	4	3
19	10	3	7	11	11	5	7	0	1	4	2	6	6
20	0	4	1	5	10	****	10	3	2	5	3	2	4
21	3	3	6	3	2	3	3	7	2	3	2	2	3
22	2	3	8	6	2	6	2	6	4	6	5	4	4
23	4	2	8	5	7	0	0	3	0	2	4	0	3
24	4	0	4	3	7	0	2	0	0	2	5	4	3
25	2	7	10	11	3	6	2	2	6	2	5	4	3
26	2	8	6	10	9	***	11	2	0	3	2	10	5
27	2	9	7	2	2	0	2	9	5	2	6	5	7
28	2	3	4	6	4	0	6	0	2	3	1	3	3
29	1	3	2	0	0	2	2	0	3	0	1	0	1
30	4	1	2	1	2	2	4	3	2	0	0	3	2
31	0	0	2	4	2	4	3	3	2	1	6	7	3
MEAN	2	2	5	4	3	3	3	2	2	2	2	3	2.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037				NORTH/GENEVA STREET, ST. CATHARINES				MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	5	6	1	0	4	2	2	3	2	0	3
2	0	0	1	2	0	2	0	5	2	1	3	0	1
3	2	1	4	2	1	2	2	2	0	3	0	2	2
4	2	2	3	3	4	0	2	0	4	1	0	2	2
5	0	2	0	2	2	3	1	0	2	2	2	5	2
6	3	0	6	0	0	0	3	0	7	0	0	2	2
7	1	1	2	2	4	5	0	2	2	0	2	2	2
8	0	3	2	3	2	1	2	0	5	3	7	3	3
9	2	2	1	8	2	3	3	5	3	7	4	9	4
10	5	0	3	0	2	2	2	0	0	3	0	0	1
11	3	0	0	0	0	0	0	3	1	4	2	5	2
12	3	3	3	0	4	0	4	0	2	2	4	2	2
13	0	5	2	11	0	1	2	5	3	2	0	0	3
14	3	2	3	5	3	0	3	2	2	3	3	3	3
15	1	3	2	9	7	2	6	***	9	2	4	2	4
16	1	2	3	4	7	5	2	2	2	0	0	0	2
17	1	2	2	2	0	3	1	2	3	1	3	2	2
18	2	0	0	0	0	4	2	2	2	3	0	2	1
19	3	2	2	2	0	0	2	0	3	0	2	2	2
20	0	6	2	3	2	2	2	3	0	2	2	0	2
21	2	2	0	3	2	4	0	2	0	1	0	0	1
22	2	0	0	4	4	2	0	0	5	0	0	3	2
23	2	2	2	3	2	***	2	0	2	5	2	1	2
24	0	5	2	5	1	1	0	3	0	3	2	4	2
25	2	1	2	2	3	0	0	2	0	4	2	2	2
26	2	5	2	5	3	2	0	2	0	2	2	3	2
27	0	2	2	4	2	2	3	0	2	3	9	2	3
28	1	0	0	2	0	0	2	3	2	0	2	2	1
29	0	0	2	9	2	2	***	2	0	3	0	3	2
30	1	10	4	9	5	2	2	2	0	2	8	7	4
MEAN	2	2	2	4	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037				NORTH/GENEVA STREET, ST. CATHARINES				MONTH - OCT 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	3	2	2	3	0	3	2	6	2	3	
2	1	3	2	0	4	3	2	5	3	2	6	2	3	
3	6	6	2	6	5	3	1	2	0	3	6	4	4	
4	2	5	5	8	6	2	4	1	2	4	2	4	4	
5	2	0	3	3	1	4	2	2	2	0	0	0	2	
6	2	2	0	4	2	***	7	3	3	2	2	1	3	
7	0	0	1	3	2	0	2	2	1	2	2	2	1	
8	2	3	1	3	3	2	0	2	2	2	2	2	2	
9	2	3	0	0	1	2	1	2	2	2	2	3	2	
10	0	2	1	4	6	0	0	1	0	0	2	2	2	
11	1	2	5	7	1	0	1	1	2	0	2	2	2	
12	2	3	0	3	2	4	2	4	2	1	0	5	2	
13	0	2	4	4	4	***	2	2	1	2	2	2	2	
14	0	1	0	2	0	0	0	0	1	2	2	3	1	
15	2	3	0	3	5	0	2	4	3	1	2	0	2	
16	1	2	0	0	2	0	2	7	1	0	0	0	1	
17	1	2	1	0	0	0	0	1	0	1	1	0	1	
18	2	1	3	2	0	0	2	1	2	2	2	4	2	
19	2	0	1	4	3	2	3	3	5	7	2	2	3	
20	3	0	4	1	4	2	4	3	2	2	0	2	2	
21	0	3	2	4	1	2	1	1	2	1	0	1	2	
22	1	0	2	2	1	***	2	0	0	0	0	0	1	
23	2	2	2	2	2	1	0	0	3	3	5	5	2	
24	2	4	4	0	4	4	3	2	1	5	2	0	3	
25	0	0	0	0	1	3	0	0	1	2	2	0	1	
26	0	0	0	3	0	0	0	1	1	1	1	1	1	
27	2	0	0	2	0	0	1	***	2	3	0	2	1	
28	2	1	1	3	2	0	3	1	2	2	1	1	2	
29	1	0	2	4	1	3	2	3	2	2	2	1	2	
30	2	3	2	2	4	2	3	1	3	2	6	6	3	
31	3	5	2	1	0	3	1	0	2	2	2	0	2	
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27037				NORTH/GENEVA STREET, ST. CATHARINES				MONTH - NOV 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	0	5	5	0	1	4	1	1	2	2
2	2	4	2	4	2	0	2	0	2	2	0	2	2
3	3	2	3	5	2	0	2	7	6	3	6	7	4
4	3	3	5	7	11	2	4	2	3	3	2	1	4
5	0	2	2	12	2	1	2	2	2	2	3	2	3
6	4	2	1	5	3	2	2	4	2	4	2	3	3
7	1	5	2	2	2	0	0	3	0	3	2	0	2
8	1	0	0	2	0	2	4	3	3	0	2	0	1
9	2	1	2	5	2	4	3	3	2	2	0	3	2
10	4	3	4	7	2	***	0	3	0	0	3	5	3
11	2	1	1	0	0	5	1	2	0	2	2	2	2
12	0	2	2	2	10	2	3	1	0	0	1	2	2
13	2	3	0	2	2	0	0	1	2	0	1	0	1
14	0	0	2	0	0	0	0	0	2	2	0	2	1
15	0	0	1	1	1	0	2	3	5	2	2	2	2
16	2	5	5	9	0	0	6	4	2	4	2	2	3
17	2	2	4	3	3	5	6	5	4	4	3	1	4
18	4	1	4	10	18	2	2	3	2	3	0	0	4
19	5	3	3	4	3	4	2	1	2	2	3	0	3
20	17	8	7	10	3	14	12	5	21	14	4	1	10
21	2	6	6	4	4	2	3	2	3	2	2	2	3
22	1	2	2	1	4	2	3	2	3	0	3	0	2
23	1	1	3	2	0	2	0	1	2	0	4	6	2
24	0	0	1	2	4	2	2	2	3	2	3	1	2
25	3	2	3	8	3	2	5	10	4	6	4	4	5
26	2	2	2	0	6	2	0	1	2	2	2	5	2
27	6	1	0	2	1	0	0	0	1	3	0	2	1
28	3	2	2	2	0	2	2	1	1	3	2	0	2
29	0	4	2	1	2	2	2	***	1	2	2	3	2
30	0	2	2	4	0	1	4	2	1	1	0	1	2
MEAN	2	2	2	4	3	2	2	3	3	2	2	2	2.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27037				NORTH/GENEVA STREET, ST. CATHARINES				MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	2	5	5	3	3	6	3	2	2	3
2	1	0	1	3	3	2	2	0	3	2	0	1	2
3	2	1	2	4	7	1	0	1	2	3	3	2	2
4	5	3	1	2	2	3	2	3	3	0	3	2	2
5	1	2	2	2	2	4	2	0	3	2	4	2	2
6	2	3	6	2	5	4	***	1	3	2	2	2	3
7	0	2	2	3	5	1	2	2	0	1	1	2	2
8	0	2	0	0	1	1	2	1	2	2	2	2	1
9	0	2	0	3	2	2	0	4	4	5	3	5	3
10	2	2	2	2	2	2	1	2	0	2	3	0	2
11	4	3	0	1	2	2	2	0	4	1	2	0	2
12	1	2	2	3	0	2	1	3	3	2	3	3	2
13	2	2	0	0	3	2	0	0	2	2	3	2	2
14	0	2	2	3	2	2	1	***	0	0	0	0	1
15	0	2	0	0	4	2	0	3	2	1	5	5	2
16	7	3	3	11	12	6	5	3	6	2	5	2	5
17	2	1	1	2	2	2	0	0	2	2	1	0	1
18	2	0	0	2	0	2	0	5	3	2	2	2	2
19	0	2	0	1	0	2	2	5	2	0	4	0	2
20	2	0	2	0	0	0	1	***	2	2	0	0	1
21	****	0	6	1	2	6	1	0	2	2	2	3	2
22	0	1	0	2	4	2	2	2	2	2	3	2	2
23	2	1	0	4	1	2	2	1	2	0	0	0	1
24	0	0	1	3	4	4	1	2	1	0	2	2	2
25	3	2	2	0	1	0	0	2	1	2	0	4	1
26	3	2	0	1	0	2	1	2	1	3	0	4	2
27	1	0	2	0	4	0	4	0	2	4	2	3	2
28	2	1	0	0	2	2	3	1	3	6	5	2	2
29	2	1	3	0	4	0	2	0	2	0	2	1	1
30	2	0	3	4	2	0	4	1	4	0	5	0	2
31	5	1	2	2	2	2	1	0	2	2	3	4	2
MEAN	2	1	1	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA UNAVAILABLE	
FEB			DATA UNAVAILABLE	
MAR			DATA UNAVAILABLE	
APR			DATA UNAVAILABLE	
MAY	24	2.5	4	14
JUN	29	2.3	5	11
JUL	31	2.1	4	15
AUG	31	2.8	7	36
SEP	30	2.2	4	11
OCT	31	1.9	4	8
NOV	30	2.6	10	21
DEC	31	1.9	5	12
YEAR	237	2.3	10	36

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA UNAVAILABLE						
FEB		DATA UNAVAILABLE						
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY	242	51	1	0	0	0	0	294
JUN	295	51	1	0	0	0	0	347
JUL	318	49	3	0	0	0	0	370
AUG	289	76	4	0	0	1	0	370
SEP	318	38	1	0	0	0	0	357
OCT	341	27	0	0	0	0	0	368
NOV	310	40	5	2	1	0	0	358
DEC	341	25	2	0	0	0	0	368
YEAR	2454	357	17	2	1	1	0	2832

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.3	0	0.0	0.4	1.5	2.4	4.6	6.1	8.2	9.3	36	2.3

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	-	-	-	-	-	3	9	6	2	1	4	1	*****
11	2	3	2	3	1	2	0	1	2	6	0	0	2
12	0	2	2	5	3	2	5	3	0	5	2	5	3
13	1	2	5	2	7	1	1	6	2	6	1	3	3
14	2	1	0	3	3	3	3	6	0	0	7	3	3
15	3	4	9	6	3	3	1	5	2	0	1	3	3
16	1	0	4	0	0	3	4	3	5	4	6	2	3
17	5	5	2	2	0	0	1	4	0	3	3	0	2
18	6	4	5	8	4	7	8	13	11	9	3	2	7
19	0	2	5	3	0	0	1	0	0	2	0	5	2
20	1	2	1	2	1	0	1	6	0	2	2	8	2
21	5	6	4	6	5	3	8	6	3	2	5	4	5
22	0	2	3	2	7	5	2	2	8	2	1	0	3
23	0	0	4	0	5	0	4	2	4	5	3	0	2
24	3	4	0	2	0	7	2	3	2	4	8	4	3
25	6	2	3	4	4	0	0	3	3	6	6	4	3
26	4	5	9	6	3	7	6	2	11	5	6	5	6
27	2	2	0	5	5	0	2	3	4	6	7	9	4
28	2	0	2	4	1	0	0	0	0	1	3	0	1
29	2	8	0	4	6	5	5	5	3	5	1	3	4
MEAN	2	3	3	4	3	3	3	4	3	4	3	3	3.2

PERCENTAGE OF DATA VALID - 67.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 32.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	5	2	2	0	2	3	3	1	3	2
2	3	5	2	5	6	5	0	7	4	4	2	5	4
3	2	3	2	8	6	5	9	2	9	2	0	6	5
4	0	7	5	8	4	7	2	16	7	3	2	11	6
5	3	5	6	9	20	0	0	0	2	0	0	0	4
6	0	0	2	2	0	4	5	0	2	1	2	2	2
7	4	0	0	2	0	0	0	0	0	0	2	4	1
8	0	0	2	1	0	2	2	3	2	2	3	2	2
9	3	2	4	5	2	6	0	2	2	2	5	2	3
10	0	2	0	8	4	5	3	3	4	0	4	0	3
11	3	2	2	0	0	2	2	1	2	1	2	6	2
12	2	3	3	2	6	8	5	5	9	15	2	2	5
13	0	0	2	2	0	0	2	2	2	2	1	2	1
14	3	0	0	2	0	3	4	3	2	3	0	3	2
15	0	6	0	3	2	0	0	2	2	0	4	3	2
16	2	3	1	7	6	4	7	5	4	0	3	2	4
17	0	0	3	2	3	2	0	5	2	3	2	4	2
18	0	4	0	5	2	0	7	2	4	7	3	6	3
19	5	8	2	2	2	2	2	3	3	4	2	2	3
20	2	3	0	1	3	3	2	6	0	4	0	3	2
21	1	2	2	0	0	1	1	2	2	0	4	3	2
22	0	1	0	6	4	7	5	2	2	2	3	0	3
23	0	3	2	2	2	2	2	0	2	2	3	2	2
24	3	0	7	2	1	2	2	2	2	2	0	0	2
25	2	0	1	2	1	1	1	3	2	2	2	2	2
26	2	5	5	5	11	7	6	17	13	11	9	11	9
27	11	3	5	2	3	2	3	5	1	4	2	0	3
28	2	0	2	0	0	2	1	2	0	1	2	2	1
29	8	5	5	5	6	2	3	3	3	5	1	5	4
30	2	2	2	5	4	6	2	8	8	11	9	1	5
31	0	0	0	1	2	3	6	7	8	4	3	0	3
MEAN	2	2	2	4	3	3	3	4	3	3	3	3	3.0

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001				HUGHSON/HUNTER HAMILTON				MONTH - APR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	3	2	3	0	0	2	0	2	2	2	2	
2	3	0	2	3	1	3	0	4	2	0	5	2	2	
3	2	0	0	0	2	3	0	0	3	2	2	0	1	
4	2	0	2	3	2	3	2	2	0	2	0	3	2	
5	1	0	0	2	0	0	0	7	0	4	0	0	1	
6	1	2	3	2	3	0	3	1	1	0	2	3	2	
7	2	0	3	2	2	3	2	3	4	4	0	2	2	
8	0	2	0	2	5	2	0	3	3	3	0	3	2	
9	2	0	2	6	4	3	0	2	0	3	2	0	2	
10	2	2	0	3	7	0	2	0	2	1	5	0	2	
11	6	3	2	0	3	0	3	0	1	2	0	0	2	
12	2	3	2	0	2	3	0	0	2	0	3	0	1	
13	3	2	4	0	3	0	5	2	0	3	3	4	2	
14	5	2	5	5	2	4	4	2	6	2	0	5	4	
15	3	5	3	6	5	0	6	3	2	2	2	3	3	
16	9	7	0	0	0	2	3	3	2	2	4	2	3	
17	5	2	2	4	3	0	3	2	2	3	0	3	2	
18	3	2	2	0	2	2	3	0	0	0	2	2	2	
19	1	9	5	2	3	0	2	2	1	2	17	5	4	
20	0	5	2	2	3	0	2	5	7	0	6	0	3	
21	0	5	0	3	2	3	7	6	7	5	9	7	5	
22	0	2	4	3	0	4	1	2	2	0	2	4	2	
23	0	5	0	2	3	2	3	3	0	4	0	4	2	
24	2	2	3	2	13	0	4	1	3	3	3	4	3	
25	7	2	2	4	2	2	2	0	3	3	5	5	3	
26	2	3	2	0	3	0	2	0	0	2	0	2	1	
27	0	0	0	6	2	2	4	0	0	3	0	0	1	
28	3	2	0	2	2	3	0	0	2	2	1	3	2	
29	1	2	0	7	3	2	0	3	0	2	2	5	2	
30	0	3	3	5	3	2	2	0	1	2	0	2	2	
MEAN	2	2	2	3	3	2	2	2	2	2	3	3	2.2	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001				HUGHSON/HUNTER HAMILTON				MONTH - MAY 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	0	5	3	6	10	9	4	8	5	3	5	
2	2	3	3	2	5	1	1	2	2	0	5	0	2	
3	2	2	0	2	0	2	0	0	3	0	4	0	1	
4	2	0	7	2	3	0	0	3	2	0	3	0	2	
5	2	0	0	3	2	3	0	2	1	0	0	1	1	
6	1	1	1	3	1	4	4	6	2	2	4	3	3	
7	2	3	1	2	1	3	5	2	2	1	2	1	2	
8	1	1	1	3	4	0	2	0	2	2	2	2	2	
9	0	2	0	2	4	2	0	2	0	2	0	2	1	
10	5	3	4	4	4	5	2	2	1	2	2	2	3	
11	1	3	1	2	5	0	2	0	2	0	0	3	2	
12	0	2	3	2	2	2	0	2	3	0	2	2	2	
13	2	0	3	2	****	6	2	2	5	14	13	4	5	
14	8	2	7	5	5	1	2	3	0	3	8	11	5	
15	4	6	5	10	13	10	12	10	11	3	6	5	8	
16	9	5	9	8	3	9	13	11	9	15	5	0	8	
17	2	1	3	3	2	2	1	5	2	0	1	0	2	
18	0	0	3	0	2	2	2	1	0	2	0	0	1	
19	6	3	0	2	3	0	0	0	2	3	0	0	2	
20	3	2	2	5	3	3	3	2	2	2	8	3	3	
21	1	2	3	0	2	1	****	2	0	0	1	0	1	
22	3	0	5	1	2	1	1	2	3	1	4	3	2	
23	3	3	4	2	1	2	4	2	0	2	2	0	2	
24	3	6	3	3	0	3	2	2	5	5	3	3	3	
25	5	5	4	4	2	7	6	6	7	5	2	3	5	
26	2	1	0	1	1	8	9	3	7	5	3	5	4	
27	3	0	5	7	5	3	0	0	0	5	5	3	3	
28	2	2	7	13	11	11	12	12	9	5	5	2	6	
29	6	7	7	4	10	9	7	7	8	5	3	11	7	
30	5	2	2	11	10	8	15	11	7	5	4	9	7	
31	5	7	5	7	14	7	15	5	12	5	5	5	8	
MEAN	3	2	3	4	4	4	4	4	4	3	3	3	3.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JUN 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	5	2	2	8	4	****	6	1	4	2	2	4	4
2	5	2	3	6	4	1	3	2	2	7	5	5	4	4
3	9	7	6	14	11	1	1	1	2	0	3	2	5	5
4	2	3	5	3	9	6	7	4	4	2	3	3	4	4
5	2	2	5	2	9	5	7	5	4	2	1	5	4	4
6	0	2	3	3	2	1	0	1	4	0	2	0	2	2
7	0	1	2	3	0	2	1	1	2	0	1	2	1	1
8	2	0	2	2	1	2	2	3	0	0	2	3	2	2
9	2	2	2	5	****	0	1	2	1	3	3	2	2	2
10	0	2	2	1	2	1	2	0	2	2	0	2	1	1
11	2	1	4	4	2	5	2	1	1	0	0	2	2	2
12	1	2	1	2	2	1	3	1	3	2	3	2	2	2
13	1	2	0	2	4	2	2	2	1	3	5	2	2	2
14	1	2	2	2	3	2	3	3	2	0	2	2	2	2
15	3	0	2	2	1	2	2	1	1	3	0	3	2	2
16	2	2	5	0	2	0	2	2	0	2	0	0	1	1
17	2	2	0	1	0	0	0	0	1	2	2	2	1	1
18	1	4	2	6	7	****	8	11	9	6	5	1	5	5
19	7	5	2	1	2	1	1	1	1	1	0	4	2	2
20	0	1	1	0	3	0	1	2	3	4	2	3	2	2
21	2	2	1	4	4	5	4	3	5	3	1	3	3	3
22	2	2	1	1	3	1	0	1	1	6	11	8	3	3
23	6	2	2	6	7	3	9	8	10	7	10	8	7	7
24	7	4	9	8	7	5	2	2	0	3	1	0	4	4
25	0	1	0	0	2	0	0	3	1	0	1	0	1	1
26	0	1	0	2	1	3	0	1	1	2	2	1	1	1
27	3	2	0	2	1	0	2	2	2	3	1	3	2	2
28	1	2	2	3	4	2	1	2	1	2	3	2	2	2
29	4	2	2	3	2	4	2	1	2	3	2	2	2	2
30	3	2	2	3	****	4	5	0	2	2	2	0	2	2
MEAN	3	2	2	3	4	2	3	2	2	2	3	3	2.6	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JUL 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	1	2	1	0	1	0	0	1	2	1	1	1
2	0	0	0	1	0	0	1	0	2	3	0	1	1	1
3	2	0	2	0	0	2	2	0	0	2	2	2	1	1
4	1	2	0	3	1	2	2	1	1	3	2	3	2	2
5	1	2	6	1	2	2	2	0	1	2	2	1	2	2
6	2	2	1	2	1	2	0	2	2	2	2	2	2	2
7	2	4	2	2	****	2	2	1	2	0	1	5	2	2
8	2	2	2	5	2	3	2	5	0	2	3	1	2	2
9	0	0	4	3	3	2	0	2	0	2	2	7	2	2
10	2	0	5	4	1	1	3	0	3	1	5	2	2	2
11	0	5	5	3	2	2	0	2	0	0	3	3	2	2
12	0	0	2	0	0	1	3	2	4	2	2	0	1	1
13	0	2	0	3	4	6	3	3	3	2	0	3	2	2
14	2	0	4	3	7	2	2	0	3	8	4	2	3	3
15	5	2	4	11	7	10	5	10	11	12	8	4	3	3
16	8	2	2	7	5	4	0	2	1	4	0	2	7	7
17	2	1	0	0	3	1	3	0	2	3	2	2	2	2
18	0	0	0	2	2	2	0	2	2	0	3	2	1	1
19	0	2	0	1	2	0	1	5	0	2	3	5	2	2
20	2	0	2	5	3	3	3	2	3	0	2	2	2	2
21	2	5	3	5	3	5	2	3	3	12	3	0	4	4
22	3	3	2	11	10	9	11	6	5	3	7	3	6	6
23	3	3	6	11	7	8	10	13	17	7	5	0	8	8
24	3	7	2	0	2	0	1	3	0	5	2	2	2	2
25	2	0	0	1	3	0	0	0	0	2	3	3	1	1
26	3	0	1	0	4	2	2	1	3	0	2	2	2	2
27	0	3	3	2	0	0	2	0	0	2	5	3	2	2
28	2	2	2	2	5	4	9	5	9	6	5	2	4	4
29	7	1	6	1	3	2	3	5	4	2	2	0	3	3
30	0	0	0	2	5	0	2	0	3	2	2	0	1	1
31	3	0	2	2	0	9	7	2	0	0	2	3	3	3
MEAN	2	2	2	3	3	3	3	2	3	3	3	2	2.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - WC NO 29001			HUGHSON/HUNTER HAMILTON			MONTH - AUG 76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	2	0	0	0	3	2	0	3	2	3	2	
2	3	0	0	0	2	2	2	2	0	3	0	3	1	
3	2	2	2	3	0	2	0	2	0	0	2	0	1	
4	0	2	1	2	2	2	0	0	0	1	0	2	1	
5	3	2	3	0	2	3	****	-	-	-	-	-	*****	
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19	-	-	-	-	17	7	9	3	3	7	3	6	7	
20	0	0	9	5	3	3	1	3	2	2	3	4	3	
21	2	2	3	3	0	3	2	3	6	0	2	5	3	
22	7	3	1	7	9	5	0	9	2	2	6	6	5	
23	5	3	5	0	0	2	5	7	3	9	2	5	4	
24	2	2	9	0	3	2	11	2	5	2	5	5	4	
25	3	3	5	8	11	13	6	3	5	3	5	2	6	
26	3	4	4	7	9	15	3	2	5	7	5	5	6	
27	0	0	3	4	0	5	4	2	0	2	0	3	2	
28	10	2	5	2	2	3	1	0	5	0	4	3	3	
29	0	0	0	2	0	0	0	0	0	0	2	2	1	
30	0	0	2	5	0	0	0	3	0	0	0	4	1	
31	0	2	3	2	0	0	0	0	2	0	0	3	1	
MEAN	3	2	3	3	3	4	3	3	2	2	2	4	2.8	

PERCENTAGE OF DATA VALID - 55.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 44.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - WC NO 29001			HUGHSON/HUNTER HAMILTON				MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	7	3	5	3	3	0	1	0	5	0	2	2.5
2	5	3	0	0	3	2	5	3	3	2	2	2	3
3	2	1	3	6	2	3	3	1	0	2	5	3	3
4	4	4	2	0	0	0	2	0	2	3	3	0	2
5	5	0	0	0	0	0	0	0	3	3	0	1	1
6	0	0	0	1	1	0	0	2	2	2	3	0	1
7	3	0	2	5	****	0	2	1	2	2	0	0	2
8	3	4	1	2	1	5	14	8	14	10	9	4	6
9	8	8	12	11	10	11	10	10	8	3	1	0	8
10	0	1	4	0	2	0	3	0	0	2	1	0	1
11	2	0	2	0	2	0	1	2	0	2	2	2	1
12	2	2	2	3	0	4	0	3	1	2	1	2	2
13	0	2	3	2	4	1	3	3	2	3	2	2	2
14	2	3	2	2	3	1	2	3	2	4	2	3	2
15	2	6	8	6	4	8	6	4	4	8	2	5	5
16	4	5	2	4	6	9	8	4	8	2	6	7	5
17	5	2	1	6	8	2	2	6	2	5	1	2	4
18	1	2	2	0	5	0	2	0	2	2	0	0	1
19	2	0	0	2	0	0	4	1	2	0	0	5	1
20	1	2	2	4	2	2	2	1	2	1	2	2	2
21	1	2	2	0	1	0	0	0	1	2	2	0	1
22	0	2	2	2	****	2	1	2	2	0	3	0	1
23	2	4	3	4	2	2	1	0	5	2	0	0	2
24	1	0	0	4	4	0	2	5	2	2	1	1	2
25	2	0	2	1	2	2	1	1	2	3	3	0	2
26	4	1	3	1	2	6	5	4	2	0	2	0	3
27	1	0	3	5	2	4	3	4	5	2	5	0	3
28	2	2	2	4	0	2	0	1	2	2	5	1	2
29	0	0	1	2	2	0	2	2	2	3	1	2	1
30	2	2	3	8	4	8	9	1	2	2	2	6	4
MEAN	2	2	2	3	3	3	3	2	3	3	2	2	2.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - OCT 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	4	7	6	6	3	8	3	6	1	2	5
2	6	8	6	4	8	5	6	6	8	4	8	7	6
3	9	6	2	2	3	6	2	5	5	2	4	5	4
4	6	6	4	8	5	7	0	***	3	7	2	5	5
5	5	6	11	15	7	2	4	3	2	8	10	2	6
6	2	3	3	4	7	4	3	3	3	2	5	0	3
7	1	1	0	1	2	3	2	2	2	2	2	1	2
8	0	0	3	3	2	2	3	6	3	3	0	2	2
9	3	3	0	3	6	0	3	0	1	1	0	1	2
10	1	0	1	2	2	1	1	1	0	2	2	0	1
11	2	2	4	0	5	2	1	0	3	2	3	5	2
12	5	2	8	16	9	1	4	2	4	4	8	2	5
13	1	5	2	2	2	2	2	2	0	1	2	2	2
14	1	0	0	0	2	0	2	3	1	0	2	3	1
15	3	1	2	5	3	0	1	4	2	2	2	0	2
16	0	0	0	1	1	1	0	0	0	5	0	2	1
17	2	2	0	1	1	0	1	4	1	0	2	0	1
18	1	1	3	4	****	0	2	1	4	2	3	2	2
19	3	2	2	2	2	4	3	5	1	5	4	4	3
20	2	2	3	8	8	7	5	5	7	5	2	2	5
21	3	1	0	2	2	2	2	0	2	0	2	3	2
22	0	0	2	1	0	1	3	1	3	2	2	-	1
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26	-	-	-	-	-	5	6	2	3	3	2	3	*****
27	2	2	3	2	3	1	2	2	3	3	2	2	2
28	2	2	0	1	2	2	3	2	1	2	2	2	2
29	2	4	2	2	2	2	1	3	2	3	3	2	2
30	4	0	3	8	2	2	3	5	5	21	6	6	5
31	3	5	2	3	0	2	2	2	2	1	3	3	2
MEAN	3	2	3	4	4	3	3	3	3	4	3	3	2.9

PERCENTAGE OF DATA VALID - 87.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 11.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - NOV 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	3	3	3	1	1	4	2	2	4	4	3
2	2	3	4	5	2	2	3	5	3	3	3	3	3
3	1	5	2	5	4	1	1	2	4	2	9	4	3
4	11	5	2	8	11	3	2	2	4	3	2	2	5
5	4	1	3	4	1	1	4	3	2	2	1	2	2
6	2	5	2	0	4	1	2	2	2	1	1	4	2
7	2	3	0	1	2	4	2	3	1	4	1	5	2
8	2	0	3	3	0	2	1	10	2	3	1	6	3
9	0	0	2	1	3	3	2	4	3	2	2	4	2
10	1	3	2	2	3	2	3	1	2	2	1	1	2
11	2	1	1	1	0	1	0	0	4	1	4	3	2
12	1	1	1	2	***	2	2	2	3	1	2	3	2
13	2	2	1	2	0	3	3	2	0	1	4	2	2
14	2	2	1	3	0	3	2	0	3	2	1	1	2
15	3	5	2	4	3	5	0	3	4	6	2	5	4
16	5	4	4	5	5	2	2	0	4	4	6	4	4
17	6	4	4	1	8	5	5	2	5	2	4	3	4
18	3	2	2	5	2	3	2	4	4	2	2	2	3
19	6	2	1	3	2	2	3	1	1	4	3	2	3
20	2	1	0	3	2	0	3	1	5	1	5	2	2
21	0	0	6	3	2	0	3	2	1	1	1	0	2
22	1	0	0	5	1	5	0	2	2	1	2	0	2
23	2	0	2	2	0	0	2	2	0	2	3	2	1
24	2	2	2	2	***	3	3	3	4	1	2	5	3
25	2	3	3	2	9	12	3	4	4	6	9	6	5
26	9	3	2	2	7	0	3	2	2	2	8	3	4
27	3	3	1	0	5	0	3	1	2	3	1	1	2
28	2	4	3	0	0	2	3	2	0	3	2	0	2
29	0	4	0	2	4	2	2	5	3	1	3	2	2
30	1	0	1	6	2	3	1	3	4	3	0	6	3
MEAN	3	2	2	3	3	2	2	3	3	2	3	3	2.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001				HUGHSON/HUNTER HAMILTON				MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	3	4	3	4	5	4	4	2	4	
2	3	2	0	5	3	2	1	3	2	2	2	5	
3	3	2	1	6	7	3	2	2	5	1	3	2	
4	2	4	3	4	5	9	4	3	6	5	4	2	
5	2	2	2	2	2	4	5	2	6	2	2	5	
6	8	9	2	5	****	5	10	13	5	5	3	2	
7	1	0	3	1	2	3	0	1	0	0	1	1	
8	1	2	3	0	6	7	4	3	3	4	0	5	
9	0	3	4	0	1	3	6	9	8	13	6	3	
10	8	9	7	6	2	2	3	2	5	2	2	2	
11	2	2	1	2	2	2	2	0	4	1	5	3	
12	2	1	6	2	6	1	5	2	2	4	2	2	
13	0	2	2	0	0	0	0	5	5	1	5	3	
14	2	0	0	0	0	3	3	2	2	2	2	0	
15	4	2	2	3	2	4	4	5	3	8	16	13	
16	13	13	8	10	11	13	9	10	11	7	6	6	
17	2	3	3	2	4	2	3	2	2	2	2	1	
18	0	2	3	1	1	1	4	0	2	2	4	2	
19	10	9	12	5	4	4	8	3	4	5	17	7	
20	7	11	5	4	2	3	2	3	2	2	1	1	
21	1	0	2	1	****	0	2	0	2	4	0	2	
22	0	2	1	2	4	1	2	2	3	2	2	2	
23	2	1	0	2	2	0	2	3	2	0	2	5	
24	4	0	2	2	2	3	2	0	2	5	2	4	
25	2	2	0	4	1	1	0	2	1	3	5	4	
26	2	4	0	1	2	3	0	2	1	2	0	4	
27	3	0	2	2	0	1	0	2	3	1	4	4	
28	2	0	2	1	3	5	6	4	3	1	2	1	
29	1	3	0	2	2	2	0	3	2	2	0	2	
30	1	1	2	4	0	2	0	2	4	4	4	1	
31	2	2	2	3	2	0	2	2	0	3	2	3	
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	19	3.2	7	13
MAR	31	3.0	9	20
APR	30	2.2	5	17
MAY	31	3.5	8	15
JUN	30	2.6	7	14
JUL	31	2.5	8	17
AUG	17	2.8	7	17
SEP	30	2.5	8	14
OCT	27	2.9	6	21
NOV	30	2.6	5	12
DEC	31	3.1	10	17
YEAR	307	2.8	10	21

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	166	66	3	0	0	0	0	235
MAR	288	73	8	3	0	0	0	372
APR	316	42	1	1	0	0	0	360
MAY	261	88	21	0	0	0	0	370
JUN	299	53	4	0	0	0	0	356
JUL	309	53	8	1	0	0	0	371
AUG	160	41	4	1	0	0	0	206
SEP	301	52	5	0	0	0	0	358
OCT	259	64	2	1	1	0	0	327
NOV	312	43	3	0	0	0	0	358
DEC	297	61	10	2	0	0	0	370
YEAR	2968	636	69	9	1	0	0	3683

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID											
CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT											
MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN	
91.6	0	0.0	1.0	1.7	2.8	5.5	7.6	10.2	11.9	21	2.8

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 29009			KENILWORTH HAMILTON				MONTH - JAN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	5	0	5	2	3	3	2	5	2	9	4
2	4	3	2	0	2	4	3	0	3	3	6	3	3
3	0	0	0	5	2	2	3	0	3	0	1	2	2
4	2	3	0	2	0	0	4	0	0	0	2	2	1
5	3	3	3	12	5	2	2	0	2	2	5	0	3
6	8	0	3	3	2	4	3	4	11	9	4	4	5
7	0	2	4	9	4	0	2	0	2	3	4	2	3
8	2	3	5	9	3	2	0	2	2	2	7	4	3
9	0	4	4	5	4	2	5	0	5	0	0	2	3
10	5	0	3	3	0	7	2	5	13	4	2	6	4
11	9	2	9	4	2	7	9	2	10	5	9	3	6
12	5	3	7	5	3	2	3	2	5	1	2	3	3
13	5	5	3	9	10	7	11	11	2	3	2	9	6
14	2	3	1	1	4	0	5	4	2	2	5	2	3
15	2	0	0	0	2	5	3	2	3	0	6	4	2
16	2	7	0	4	3	3	2	2	2	0	2	3	3
17	5	2	5	3	9	4	1	0	2	1	3	2	3
18	3	3	2	2	5	6	0	7	3	7	6	9	4
19	2	3	3	4	6	5	5	5	3	4	2	4	4
20	2	0	4	0	0	2	4	0	0	4	2	2	2
21	2	0	4	6	5	5	0	4	3	0	-	-	3
22							- DATA UNAVAILABLE -	-					
23							- DATA UNAVAILABLE -	-					
24							- DATA UNAVAILABLE -	-					
25							- DATA UNAVAILABLE -	-					
26							- DATA UNAVAILABLE -	-					
27							- DATA UNAVAILABLE -	-					
28							- DATA UNAVAILABLE -	-					
29	-	-	-	-	0	3	2	1	3	2	2	4	2
30	2	2	5	7	6	7	3	7	7	0	7	3	5
31	9	9	6	7	6	3	2	2	7	2	4	2	5
MEAN	3	3	3	4	4	4	3	3	4	2	4	4	3.4

PERCENTAGE OF DATA VALID - 75.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 24.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 29009			KENILWORTH HAMILTON				MONTH - FEB 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	3	7	2	2	9	3	0	5	0	8	4
2	0	2	3	0	2	2	0	0	0	0	3	2	1
3	0	2	3	3	2	3	3	5	0	4	4	7	3
4	2	4	9	2	2	0	0	2	2	4	0	4	3
5	3	0	5	2	3	3	2	5	5	3	3	2	3
6	10	9	4	2	4	3	0	4	2	2	0	4	4
7	2	0	0	0	0	2	3	3	4	2	2	2	2
8	0	3	0	3	2	2	3	5	2	2	2	2	2
9	2	2	5	7	7	2	2	5	2	3	4	4	4
10	4	0	3	0	2	5	2	4	4	5	0	5	3
11	2	0	2	2	0	3	2	2	2	0	0	2	1
12	2	2	0	2	5	0	2	0	0	3	4	2	2
13	0	0	5	2	3	3	2	0	3	0	2	2	2
14	0	2	0	3	1	2	0	2	0	0	1	3	1
15	4	2	0	4	2	0	4	0	11	0	3	5	3
16	2	2	0	2	3	0	3	7	2	0	7	0	2
17	3	0	2	2	2	1	2	2	0	0	0	3	1
18	2	3	2	5	3	5	3	9	4	5	0	2	4
19	0	3	2	2	2	2	2	5	0	2	5	2	2
20	0	2	0	2	3	0	2	0	3	0	0	5	1
21	5	3	5	3	1	0	7	5	2	3	4	1	3
22	0	2	2	0	3	0	3	0	0	2	0	1	1
23	2	3	0	6	0	0	3	3	0	1	5	4	2
24	2	0	3	1	6	2	1	2	4	3	3	3	3
25	3	3	4	2	3	5	3	3	3	3	0	3	3
26	2	3	7	6	7	9	3	6	4	2	7	5	5
27	2	3	2	6	1	0	3	0	3	5	2	3	3
28	6	2	0	2	0	2	3	2	3	4	0	2	2
29	2	5	7	1	7	3	0	7	0	2	0	2	3
MEAN	2	2	3	3	3	2	2	3	2	2	2	3	2.5

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - MAR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	4	3	4	2	3	0	2	6	1	3
2	0	3	1	***	0	2	5	2	2	2	2	0	2
3	2	7	4	3	4	11	2	2	5	3	3	3	4
4	7	9	9	7	7	5	5	3	2	3	2	7	6
5	0	4	5	5	13	7	0	4	7	2	3	0	4
6	5	2	2	4	2	2	0	2	2	3	2	0	2
7	0	0	2	0	0	0	2	2	3	0	3	0	1
8	2	0	2	2	3	3	2	0	0	0	4	5	2
9	9	5	2	0	5	6	2	0	1	5	2	3	3
10	3	3	2	3	1	0	5	5	3	4	2	2	3
11	1	5	0	2	4	0	3	0	2	5	3	2	2
12	4	3	2	1	2	3	0	7	7	11	3	0	4
13	2	2	3	0	5	3	3	3	0	0	2	2	2
14	2	2	3	2	2	0	3	1	4	1	1	2	2
15	2	2	0	2	0	0	2	0	0	3	2	5	2
16	1	5	3	6	3	2	4	5	2	4	2	2	3
17	2	2	2	2	2	0	0	0	4	1	3	0	2
18	3	6	0	2	2	2	2	2	3	1	2	5	3
19	4	5	3	3	2	1	4	2	0	2	2	2	3
20	2	2	2	0	2	2	0	2	0	2	2	0	1
21	1	0	2	2	0	2	0	1	1	2	3	2	1
22	2	0	2	5	2	1	2	3	2	1	2	3	2
23	2	0	2	2	1	2	2	3	0	3	2	2	2
24	2	2	0	2	2	2	0	0	0	0	2	0	1
25	0	1	6	0	3	0	2	0	2	0	4	2	2
26	8	2	5	5	6	3	4	4	4	4	3	1	4
27	3	6	2	2	5	4	2	0	0	2	2	0	2
28	5	3	0	0	0	1	2	0	2	2	3	4	2
29	2	2	2	4	5	3	2	2	3	2	2	0	2
30	0	2	2	2	5	3	2	3	5	5	2	5	3
31	3	0	1	2	0	2	2	6	3	4	2	2	2
MEAN	3	3	2	2	3	2	2	2	2	3	3	2	2.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - APR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	3	2	0	2	2	2	0	2	2
2	3	0	3	3	2	4	0	3	5	2	2	2	2
3	3	0	5	0	2	0	2	3	1	2	2	1	2
4	0	2	0	0	5	4	2	2	0	2	0	2	2
5	2	0	3	0	0	0	1	0	0	3	1	3	1
6	0	3	3	1	3	1	1	0	3	3	3	3	2
7	5	3	1	5	2	1	0	1	4	3	3	3	3
8	0	5	0	2	5	0	1	1	0	1	3	2	2
9	1	1	2	5	3	2	3	1	3	1	3	1	2
10	3	3	3	3	3	0	1	0	1	3	0	1	2
11	0	3	1	0	1	2	2	3	1	0	1	1	1
12	3	1	3	3	1	0	0	0	0	1	1	2	1
13	2	2	2	3	1	0	0	0	2	3	3	3	2
14	2	2	3	7	3	3	5	3	5	1	2	0	3
15	5	7	5	5	3	3	2	7	2	5	2	2	4
16	7	3	1	3	0	0	5	2	3	2	3	3	3
17	2	0	2	4	1	3	1	1	3	3	3	0	2
18	0	2	3	1	0	0	1	2	0	0	0	5	1
19	0	0	2	0	1	3	0	5	3	0	0	2	1
20	2	0	0	0	2	3	3	2	3	3	3	2	2
21	3	5	1	3	5	3	9	3	7	7	9	5	5
22	3	0	1	3	0	1	0	1	0	0	3	2	1
23	0	0	0	1	1	3	1	0	3	1	1	3	1
24	5	0	0	3	0	1	2	2	3	0	1	0	1
25	2	1	0	2	0	2	2	1	0	3	3	3	2
26	4	0	5	***	2	0	3	1	1	0	1	0	2
27	3	0	0	0	5	0	0	3	3	3	4	3	2
28	0	0	0	1	0	2	0	0	0	5	0	0	1
29	2	0	3	3	3	7	1	0	5	0	3	7	3
30	3	0	8	6	2	0	0	0	2	0	5	0	2
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - MAY 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	7	5	1	0	3	6	0	1	10	3	1	3	
2	5	5	0	7	11	0	0	0	1	1	5	0	3	
3	1	1	0	2	1	0	1	0	3	1	5	0	1	
4	1	0	1	5	1	1	0	0	2	0	2	0	1	
5	0	2	0	0	0	0	5	9	11	3	5	0	3	
6	3	0	0	0	0	2	3	7	2	2	5	0	2	
7	0	3	9	11	3	0	9	7	3	0	3	0	4	
8	0	2	0	2	5	0	0	0	0	2	2	3	1	
9	2	0	5	0	2	9	2	2	2	2	7	0	3	
10	3	5	9	2	2	2	2	7	0	2	3	2	3	
11	0	3	7	2	5	3	2	3	0	3	0	0	2	
12	2	2	0	3	0	0	0	2	2	2	3	0	1	
13	3	5	0	0	****	3	1	0	1	7	5	9	3	
14	1	3	3	0	5	3	0	0	3	0	3	1	2	
15	11	7	0	1	9	0	7	9	7	3	3	5	5	
16	1	0	2	7	3	0	1	1	7	9	7	1	3	
17	7	0	1	3	0	0	0	1	3	0	0	0	1	
18	1	0	2	3	2	3	0	1	0	7	3	0	2	
19	1	0	0	3	3	0	0	3	5	0	0	3	2	
20	0	0	5	0	3	5	4	2	0	7	0	5	3	
21	1	0	3	0	3	5	0	0	3	2	5	2	2	
22	0	3	3	3	0	5	0	3	3	0	2	9	3	
23	2	2	6	2	9	0	0	2	0	0	3	4	3	
24	3	0	3	0	2	5	3	2	2	3	5	3	3	
25	3	0	3	2	3	4	5	9	0	8	5	0	4	
26	2	3	2	3	11	0	0	2	7	0	0	3	3	
27	7	7	9	5	0	5	3	0	0	0	2	0	3	
28	3	0	8	9	2	7	5	3	4	3	1	0	4	
29	3	7	3	5	3	5	5	2	5	5	7	0	4	
30	2	0	0	7	0	0	2	3	2	0	2	0	2	
31	2	5	2	5	7	5	3	0	7	9	5	5	5	
MEAN	2	2	3	3	3	2	2	3	3	3	3	2	2.7	

PERCENTAGE OF DATA VALID - 99.7      PERCENTAGE OF DATA INVALID - 0.3      PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 29009 KENILWORTH HAMILTON							MONTH - JUN 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	3	4	****	0	6	2	0	2	6	3
2	8	10	6	8	10	1	1	0	5	2	3	1	5
3	3	4	7	6	6	2	2	0	3	7	2	2	4
4	4	3	5	4	1	4	0	3	6	6	7	0	4
5	3	0	2	3	2	1	2	2	0	2	3	3	2
6	6	2	5	3	1	5	0	0	0	0	2	3	2
7	0	0	0	2	7	4	2	4	1	0	2	0	2
8	1	4	4	4	3	2	1	2	4	1	0	2	2
9	5	2	3	9	0	****	1	0	3	3	3	2	3
10	0	0	1	0	3	3	0	4	2	1	2	1	1
11	0	2	0	5	6	4	0	2	1	0	3	3	2
12	1	2	2	0	0	2	3	1	0	3	2	1	1
13	0	1	5	4	2	3	0	2	3	3	2	1	2
14	2	0	1	2	1	5	2	3	2	0	0	0	2
15	2	2	0	5	0	3	0	1	2	1	0	5	2
16	2	3	0	3	0	****	****	****	****	****	****	****	*****
17	- DATA INVALID -												
18	****	****	****	****	****	0	4	2	7	2	5	5	*****
19	3	5	2	3	2	2	3	****	****	0	2	0	2
20	0	0	3	0	3	2	1	3	1	0	1	5	2
21	2	2	7	5	3	2	0	5	2	5	0	2	3
22	2	0	3	3	2	3	0	0	5	1	2	5	2
23	7	1	4	3	7	2	9	7	3	9	3	5	5
24	5	5	9	0	9	7	3	4	4	0	0	0	4
25	3	0	3	0	0	2	0	2	0	2	3	0	1
26	3	0	3	0	2	0	3	0	4	0	0	5	2
27	5	0	4	2	2	0	2	3	0	0	0	0	2
28	2	0	3	3	1	2	0	3	0	3	0	2	2
29	0	9	0	3	0	0	0	2	3	0	3	0	2
30	0	2	3	0	0	3	2	0	0	0	0	0	1
MEAN	2	2	3	3	3	2	1	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 92.2      PERCENTAGE OF DATA INVALID - 7.8      PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29009				KENILWORTH HAMILTON				MONTH - JUL 76				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	4	0	0	0	0	0	0	0	3	0	0	3	1
2	5	0	0	0	0	2	0	0	0	3	0	7	1
3	2	2	4	0	0	0	2	0	0	0	0	5	1
4	0	5	2	0	1	0	0	3	0	3	4	7	2
5	0	0	0	3	3	0	2	3	0	0	1	0	1
6	1	0	3	2	0	2	0	2	3	2	1	5	2
7	0	5	0	0	5	7	0	3	7	0	2	0	2
8	3	3	5	0	3	0	3	3	0	0	7	0	2
9	5	3	0	2	0	3	2	2	0	2	0	0	2
10	7	0	2	0	0	3	2	3	0	5	2	5	2
11	3	0	6	2	2	0	2	0	7	0	5	0	2
12	0	4	0	0	4	0	0	5	0	3	0	5	2
13	0	1	2	0	0	5	1	0	2	2	0	0	1
14	2	0	0	0	7	7	3	0	0	2	2	3	2
15	3	3	2	7	0	2	3	0	0	5	5	0	3
16	11	1	3	4	0	7	7	3	2	0	0	0	3
17	0	4	0	1	5	0	0	2	0	0	0	0	1
18	0	2	2	3	****	2	0	3	0	0	2	3	2
19	2	0	2	0	0	5	0	0	2	2	2	3	2
20	4	1	4	0	5	6	1	0	7	4	2	3	3
21	0	3	3	2	0	2	0	2	1	1	4	3	2
22	2	2	3	0	2	3	0	0	0	2	1	1	1
23	3	0	7	0	7	2	2	3	10	6	7	2	4
24	8	0	1	2	4	3	0	2	0	1	0	2	2
25	0	2	2	5	0	2	0	0	3	3	0	0	1
26	0	2	0	3	2	2	0	2	0	3	1	2	1
27	0	0	3	2	2	7	2	7	3	0	6	2	3
28	0	2	2	0	7	5	8	0	3	2	0	2	3
29	2	5	0	2	2	9	4	8	2	2	5	0	3
30	6	2	4	0	1	3	2	0	3	5	0	3	2
31	0	0	5	1	0	5	0	1	5	0	4	5	2
MEAN	2	2	2	1	2	3	1	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29009				KENILWORTH HAMILTON				MONTH - AUG 76				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	5	3	0	2	0	0	0	2	3	0	0	0	1
2	6	0	0	0	0	0	0	0	2	0	7	5	2
3	0	2	0	3	0	0	7	0	3	0	2	3	2
4	2	0	2	1	1	0	0	0	0	3	0	2	1
5	6	2	0	3	****	2	2	3	1	0	2	0	2
6	2	3	2	1	3	2	1	0	0	2	0	5	2
7	2	2	0	2	1	1	1	1	3	0	0	0	1
8	2	1	0	1	3	2	5	2	1	3	1	0	2
9	2	3	2	5	6	4	2	2	6	0	2	4	3
10	2	6	2	2	2	0	2	1	0	0	0	1	2
11	0	2	2	****	0	3	3	3	2	3	4	3	2
12	1	3	3	1	2	1	2	0	3	2	2	3	2
13	2	2	0	0	2	0	0	1	2	2	0	7	2
14													
15													
16													
17													
18													
19													
20													
21													
22													
23	-	-	-	0	2	3	2	1	1	3	3	3	2
24	2	1	0	0	0	2	2	2	2	3	2	5	2
25	3	5	11	6	1	3	2	3	6	2	5	4	4
26	5	2	6	3	0	2	3	2	4	6	2	2	3
27	2	4	2	2	2	1	1	0	3	2	2	2	2
28	2	3	0	4	2	0	2	1	1	1	2	0	2
29	0	0	3	0	1	0	2	0	0	3	2	0	1
30	2	3	2	0	1	2	3	2	4	3	1	0	2
31	3	2	0	3	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	1	1	2	1	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 69.6

PERCENTAGE OF DATA INVALID - 8.3

PERCENTAGE OF DATA UNAVAILABLE - 22.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29009 KENILWORTH HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	2	2	4	1	2	2	2	1	1	2	2	2
2	1	0	0	2	0	5	0	1	0	1	2	****	1
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7	****	****	****	****	-	3	1	0	0	2	0	3	*****
8	3	2	2	3	3	1	6	4	2	7	6	5	4
9	3	8	4	8	6	3	9	4	6	7	7	3	6
10	0	3	0	0	0	4	2	0	2	0	0	0	1
11	1	0	2	0	1	0	1	0	2	0	1	0	1
12	2	2	1	2	2	0	0	2	0	0	4	2	1
13	0	1	2	1	3	1	2	2	1	1	0	3	1
14	1	4	3	2	2	1	2	3	0	3	1	2	2
15	3	1	2	5	4	2	3	2	4	4	2	6	3
16	3	2	2	2	2	0	4	1	3	4	3	2	2
17	0	1	5	2	3	2	3	3	3	2	0	2	2
18	3	1	0	2	1	1	1	2	0	0	4	0	1
19	2	3	1	2	2	1	2	2	1	0	3	4	2
20	0	3	3	0	1	2	2	0	0	0	2	0	1
21	1	1	1	2	1	1	1	2	3	0	2	2	1
22	0	2	2	****	2	1	0	2	2	1	1	0	1
23	3	0	3	2	2	5	2	0	4	1	2	0	2
24	2	0	2	2	8	2	0	1	2	2	2	0	2
25	3	2	0	0	1	0	2	2	2	0	3	2	1
26	1	2	1	1	2	0	5	1	2	0	5	3	2
27	8	0	2	2	2	5	2	3	2	4	2	6	3
28	0	0	4	2	5	2	3	0	0	2	0	2	2
29	0	2	0	0	1	0	2	2	2	2	0	3	1
30	2	2	2	7	7	5	6	3	4	4	2	3	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 84.7

PERCENTAGE OF DATA INVALID - 15.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29009 KENILWORTH HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	6	0	3	9	2	4	5	2	5	4	5	0	4
2	4	4	2	2	4	6	2	6	2	5	2	10	4
3	15	15	9	10	7	2	4	2	1	3	6	10	6
4	6	5	7	3	3	5	4	****	1	3	4	9	5
5	4	3	13	19	3	3	0	3	2	7	4	0	5
6	3	0	0	2	5	3	3	2	3	1	0	3	2
7	3	0	0	3	0	3	2	3	2	2	5	2	2
8	2	1	3	3	5	3	3	2	3	5	3	5	3
9	6	7	2	0	3	3	3	0	2	3	2	0	3
10	2	0	0	2	0	0	2	2	2	0	4	2	1
11	2	2	3	4	5	4	2	0	3	0	2	4	3
12	3	5	3	5	11	4	2	2	2	2	4	5	4
13	0	3	0	1	2	5	2	0	2	3	1	0	2
14	0	4	0	1	3	0	0	2	0	5	2	2	2
15	0	5	3	0	2	2	2	2	1	0	0	2	2
16	2	3	0	1	2	3	0	2	0	0	2	0	1
17	3	0	1	2	0	4	2	5	2	2	3	1	2
18	1	3	0	0	2	4	0	2	3	3	0	3	2
19	0	2	0	3	3	3	0	3	3	2	3	0	2
20	2	3	7	7	9	9	5	4	10	7	7	2	6
21	0	3	2	3	0	0	3	1	4	0	3	0	2
22	3	2	2	2	2	2	0	1	0	0	0	3	1
23	2	3	2	2	5	2	0	2	2	8	2	5	3
24	2	5	3	3	5	2	2	2	3	5	2	3	3
25	0	2	3	3	1	8	3	6	2	0	1	3	3
26	2	3	11	5	2	2	2	1	0	3	1	3	3
27	4	4	5	2	2	2	2	3	0	3	2	2	3
28	3	3	3	3	2	3	3	2	2	2	3	3	2
29	3	2	0	2	2	2	2	2	2	3	2	3	2
30	3	2	5	2	5	3	3	3	3	6	4	2	3
31	5	3	7	5	5	3	0	5	2	3	0	0	3
MEAN	3	3	3	4	3	3	2	2	2	3	2	3	2.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - NOV 76	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	3	5	5	4	0	0	5	8	1	5	3	
2	5	6	3	2	2	5	2	2	2	5	2	2	3	
3	2	3	4	5	2	5	2	2	2	4	7	5	4	
4	7	3	5	11	13	7	0	0	3	0	2	3	5	
5	0	3	2	2	3	3	0	0	1	3	3	0	2	
6	3	1	2	0	5	2	2	0	4	0	3	0	2	
7	0	0	2	0	3	0	2	3	3	0	2	0	1	
8	2	0	3	3	0	3	3	2	2	3	2	2	4	
9	2	2	4	5	1	3	5	2	7	1	7	3	4	
10	3	3	0	3	3	0	3	0	2	2	3	0	2	
11	2	2	2	2	2	0	2	2	0	3	3	0	2	
12	1	3	0	4	0	0	1	0	2	2	0	1	1	
13	2	0	3	2	3	0	0	4	2	2	1	0	2	
14	3	2	2	0	3	1	0	4	1	3	2	4	2	
15	2	2	2	6	1	2	0	2	3	3	4	4	3	
16	2	3	4	7	5	2	0	1	2	4	2	2	3	
17	4	2	2	3	5	2	5	4	1	4	2	2	3	
18	2	3	1	3	2	1	2	2	2	2	2	0	2	
19	3	2	2	2	4	0	1	0	2	2	1	2	2	
20	2	0	3	2	0	3	3	0	1	2	0	3	2	
21	0	1	2	1	0	0	2	2	1	2	0	3	1	
22	1	0	2	2	1	2	0	2	1	2	1	2	1	
23	0	1	0	0	2	1	2	1	2	0	2	1	1	
24	0	4	2	4	***	0	3	1	2	1	3	1	2	
25	0	2	4	2	4	6	2	3	4	4	4	11	4	
26	2	2	0	3	3	****	****	****	****	****	****	****	*****	
27														
28														
29	****	****	****	****	****	****	****	0	3	3	0	2	*****	
30	1	2	3	2	2	1	2	1	0	2	2	2	2	
MEAN	2	2	2	3	3	2	2	1	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - DEC 76	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	2	4	0	4	3	6	1	4	3	3	
2	3	1	0	2	1	1	5	3	5	2	3	1	2	
3	4	****	****	3	6	0	1	1	1	1	3	0	2	
4	3	1	5	3	7	4	3	3	2	6	0	0	3	
5	2	0	4	0	2	2	3	2	3	4	2	3	2	
6	6	2	****	****	****	7	9	13	5	4	2	4	6	
7	2	3	0	5	2	2	2	5	4	1	1	4	3	
8	2	3	3	8	0	2	5	0	4	2	5	2	3	
9	0	2	0	2	3	3	8	8	1	5	2	0	3	
10	9	6	5	3	2	2	0	5	15	4	4	15	5	
11	4	2	2	0	1	3	2	2	2	0	3	3	2	
12	3	3	4	4	3	4	5	3	0	4	3	0	3	
13	4	0	0	3	0	0	2	0	2	4	2	5	2	
14	3	3	0	2	2	3	2	0	0	2	3	0	2	
15	2	2	2	2	8	2	3	2	11	13	11	11	6	
16	7	10	13	19	21	13	12	7	17	9	11	7	12	
17	2	6	1	2	5	2	2	0	3	2	5	0	3	
18	3	3	2	2	3	2	2	3	2	2	2	2	2	
19	5	10	9	10	5	2	6	4	2	7	15	9	7	
20	2	1	3	1	4	0	5	2	0	2	0	2	2	
21	5	0	3	0	0	****	****	3	0	2	6	0	2	
22	3	2	2	5	2	2	4	2	5	5	5	2	3	
23	5	5	2	3	2	2	7	0	5	0	0	3	3	
24	0	2	2	4	0	0	1	3	0	3	3	3	2	
25	2	2	3	2	3	3	5	1	3	5	2	6	3	
26	2	2	2	2	0	4	0	2	0	5	0	3	2	
27	3	0	0	0	3	2	2	4	8	2	3	3	3	
28	2	1	4	2	3	5	2	5	4	2	6	3	3	
29	3	2	0	1	2	3	2	3	2	3	2	***	2	
30	0	****	****	****	****	****	****	****	****	2	9	2	*****	
31	13	9	0	2	2	2	2	2	2	2	2	2	3	
MEAN	3	3	3	3	3	3	4	3	4	3	4	3	3.3	

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	3.4	6	13
FEB	29	2.5	5	11
MAR	31	2.4	6	13
APR	30	1.9	5	9
MAY	31	2.7	5	11
JUN	27	2.3	5	10
JUL	31	2.0	4	11
AUG	22	1.9	4	11
SEP	25	2.0	6	9
OCT	31	2.8	6	19
NOV	26	2.2	5	13
DEC	30	3.3	12	21
YEAR	337	2.5	12	21

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	204	73	5	0	0	0	0	282
FEB	293	54	1	0	0	0	0	348
MAR	316	52	3	0	0	0	0	371
APR	321	38	0	0	0	0	0	359
MAY	279	87	5	0	0	0	0	371
JUN	279	53	0	0	0	0	0	332
JUL	313	57	1	0	0	0	0	371
AUG	237	21	1	0	0	0	0	259
SEP	278	27	0	0	0	0	0	305
OCT	305	60	5	1	0	0	0	371
NOV	291	27	3	0	0	0	0	321
DEC	278	62	13	2	1	0	0	356
YEAR	3394	611	37	3	1	0	0	4046

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.1	0	0.0	0.6	1.6	2.6	4.8	6.5	8.5	10.0	21	2.5



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012

BURLINGTON/WELLINGTON HAMILTON

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	-	-	-	-	-	-	2	9	3	12	3	7	*****
11	5	2	0	0	5	9	2	3	3	0	0	0	2
12	3	3	2	7	9	0	2	3	0	2	5	0	3
13	3	1	4	7	3	1	0	0	3	0	0	0	2
14	4	3	0	5	2	2	0	0	2	2	5	1	2
15	5	0	5	2	2	0	1	3	0	12	5	0	3
16	0	2	2	6	3	3	2	9	4	9	0	2	4
17	0	2	7	0	0	2	0	2	0	0	5	6	2
18	0	3	3	0	0	2	7	0	5	2	3	0	2
19	3	0	0	2	3	0	0	4	0	0	2	0	1
20	0	5	2	3	0	2	0	0	4	5	5	12	3
21	5	0	5	3	5	1	2	2	5	5	0	3	3
22	4	0	0	2	0	0	0	1	0	3	5	2	1
23	4	2	2	3	2	****	2	3	0	3	0	6	2
24	4	2	3	6	3	4	3	1	3	5	3	4	3
25	3	7	5	3	5	6	3	5	4	3	5	3	4
26	6	0	5	12	9	3	5	5	2	3	5	1	5
27	1	3	3	2	5	0	4	2	5	3	5	0	3
28	0	5	3	2	2	2	2	0	2	3	1	3	2
29	3	4	12	3	8	2	3	2	5	5	2	3	4
MEAN	3	2	3	4	3	2	2	3	3	4	3	3	2.9

PERCENTAGE OF DATA VALID - 67.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 32.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012

BURLINGTON/WELLINGTON HAMILTON

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	0	0	3	0	0	5	2	5	2	2
2	5	0	0	0	0	2	0	2	2	3	0	0	1
3	2	0	0	0	0	0	0	0	3	0	2	7	1
4	3	0	2	5	0	5	0	0	0	0	0	4	2
5	0	3	7	7	5	0	0	3	0	0	0	0	2
6	0	0	0	2	0	0	7	0	0	2	2	0	1
7	2	0	5	0	0	3	0	1	0	1	0	0	1
8	0	3	2	5	2	3	2	2	0	2	0	3	2
9	5	3	0	0	5	0	3	2	3	3	3	0	2
10	0	4	0	4	2	0	5	0	5	2	0	3	2
11	0	3	3	3	0	****	-	-	-	-	-	-	*****
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	2	2	2	2	1	2	2	1	2	2	1	2	1.6

PERCENTAGE OF DATA VALID - 33.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 66.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012

BURLINGTON/WELLINGTON HAMILTON

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	0	0	4	4	2	0	0	0	0	2	0	0	*****
7	0	0	4	0	0	0	2	2	6	0	1	2	2
8	0	0	0	5	0	0	2	5	5	2	4	5	2
9													
10													*****
11													
12													
13													
14	-	-	-	-	5	3	2	4	3	2	3	2	3
15	5	3	4	3	7	5	0	2	4	3	5	4	4
16	6	4	4	2	2	3	5	5	6	0	2	2	3
17	9	2	2	0	2	2	0	2	0	0	0	3	2
18	2	0	0	1	0	2	0	2	0	0	0	4	1
19	0	0	3	2	2	7	1	2	4	0	0	5	2
20	0	0	2	0	2	2	****	5	0	2	2	9	2
21	0	3	5	0	2	0	2	6	3	3	7	2	3
22	3	2	0	0	2	2	2	5	0	3	0	0	2
23	0	2	0	0	0	0	0	3	0	3	0	0	1
24	0	3	1	0	5	0	3	0	0	0	0	3	1
25													
26	-	-	-	-	-	0	0	0	2	0	4	0	*****
27	2	0	0	8	0	2	0	2	1	0	0	2	1
28	0	0	1	0	1	0	0	3	0	4	0	0	1
29	0	2	7	5	0	5	2	0	0	0	3	0	2
30	3	10	9	0	0	2	4	0	1	0	0	4	3
MEAN	2	2	3	2	2	2	1	2	2	1	2	2	1.9

PERCENTAGE OF DATA VALID - 60.6

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 38.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012

BURLINGTON/WELLINGTON HAMILTON

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	4	0	8	2	1	1	4	0	0	2
2	7	4	7	2	2	2	0	2	1	-	-	-	3
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	-	-	-	-	0	3	2	0	5	0	2	2	2
22	2	2	0	3	1	0	0	0	0	0	0	0	1
23	2	3	2	3	2	3	5	0	2	2	5	2	3
24	3	7	0	0	0	1	2	5	3	7	5	5	3
25	9	2	7	9	2	3	2	2	3	5	3	0	4
26	1	5	2	3	3	3	9	7	2	8	7	10	5
27	0	3	7	7	7	5	2	0	3	3	2	3	4
28	7	5	7	13	7	13	11	7	9	2	5	3	7
29	2	2	5	0	3	7	5	5	2	2	0	9	4
30	2	0	3	5	8	5	3	2	2	0	2	9	3
31	9	0	0	5	5	7	0	3	5	11	9	5	5
MEAN	4	3	3	5	3	5	3	3	3	4	3	4	3.5

PERCENTAGE OF DATA VALID - 40.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 59.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29012	BURLINGTON/WELLINGTON HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	3	8	****	2	4	1	2	2	3	7	4
2	9	7	11	2	3	2	2	2	4	1	3	7	4
3	6	9	6	3	4	0	2	3	4	0	1	1	3
4	2	3	3	3	4	4	0	1	2	1	4	3	3
5	5	2	5	5	1	2	2	4	2	0	5	1	3
6	3	0	3	4	2	0	0	0	2	1	3	0	2
7	8	2	2	3	2	0	2	1	2	0	2	2	2
8	3	4	4	3	2	1	1	0	2	3	5	1	2
9	3	3	3	4	****	3	2	0	2	3	2	1	2
10	7	4	2	2	4	2	2	2	2	2	0	2	3
11	2	3	2	3	2	3	2	2	0	1	2	0	2
12	0	2	1	1	1	0	0	0	1	1	1	2	1
13	1	0	2	1	2	2	2	2	2	4	3	1	2
14	0	1	3	1	4	2	2	2	2	2	1	2	2
15	0	3	3	5	2	0	3	2	3	3	3	2	2
16	2	2	4	3	2	2	2	4	1	2	0	2	2
17	3	3	0	0	2	0	1	2	2	1	2	3	2
18	3	3	1	3	2	****	****	1	1	3	1	3	2
19	2	4	2	3	2	2	2	2	1	1	0	0	2
20	1	2	0	2	0	0	0	0	0	3	2	5	1
21	0	2	2	0	4	0	1	1	2	2	1	1	1
22	3	2	2	3	2	2	2	1	3	6	2	3	3
23	5	4	2	3	6	3	4	3	1	2	6	4	4
24	3	3	5	8	5	2	3	2	2	0	1	1	3
25	0	1	0	5	0	0	2	0	2	1	3	2	1
26	1	0	7	0	1	0	2	0	0	0	2	1	1
27	4	1	2	1	4	1	6	0	2	0	0	5	3
28	2	3	1	4	2	3	2	2	3	3	2	5	3
29	5	2	4	5	5	6	8	2	1	2	4	1	4
30	2	2	3	2	8	2	4	0	3	4	2	2	3
MEAN	3	3	3	3	3	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29012	BURLINGTON/WELLINGTON HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	0	5	0	3	1	2	4	2	0	2	1	2
2	2	2	1	1	4	3	0	0	0	2	0	1	1
3	2	2	0	2	5	0	3	0	2	0	1	3	2
4	0	0	2	0	0	0	0	3	2	0	4	4	1
5	6	1	9	1	2	3	3	0	2	0	1	6	3
6	1	4	2	6	2	2	2	****	2	5	4	2	3
7	3	2	2	2	4	1	9	1	11	1	2	2	3
8	3	0	7	2	0	0	0	2	2	0	2	3	2
9	2	0	6	7	2	0	2	5	3	3	2	0	3
10	5	2	0	0	3	0	2	2	2	2	2	0	2
11	2	2	4	2	3	0	0	0	0	4	0	0	1
12	0	2	2	0	3	0	7	5	2	0	0	0	2
13	0	0	3	2	0	0	3	0	0	2	0	0	1
14	1	5	0	2	2	0	0	0	2	9	1	3	2
15	5	5	0	3	1	3	5	5	4	7	3	5	4
16	4	5	9	10	11	2	1	1	0	3	3	0	4
17	0	0	4	0	0	0	0	2	0	2	0	2	1
18	0	2	0	1	5	1	4	2	2	0	2	1	2
19	2	2	4	2	0	****	0	2	0	5	1	2	2
20	6	3	0	3	2	6	5	3	2	1	6	0	3
21	0	5	0	1	4	3	3	5	3	9	0	7	3
22	0	0	0	2	0	2	1	0	0	3	0	0	1
23	0	0	2	0	5	3	1	3	2	0	3	0	2
24	2	0	2	2	2	2	6	2	1	0	3	0	2
25	0	8	0	3	0	8	2	0	5	3	0	2	3
26	1	2	7	2	2	3	2	2	5	2	0	5	3
27	5	2	0	10	2	0	3	0	0	2	3	3	3
28	1	6	11	4	7	3	9	7	6	4	3	0	5
29	0	3	1	1	0	0	4	0	2	0	0	0	1
30	0	2	0	0	2	4	7	9	2	3	2	2	3
31	2	5	6	0	4	2	9	0	2	5	0	4	3
MEAN	2	2	3	2	3	2	3	2	2	3	2	2	2.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012

BURLINGTON/WELLINGTON HAMILTON

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	2	3	0	0	0	0	3	0	1
2	0	0	5	0	2	5	3	5	5	3	6	3	3
3	0	0	7	1	1	***	0	2	0	0	3	2	1
4	1	0	5	5	0	3	2	5	8	5	4	5	4
5	2	0	0	7	2	5	2	11	6	4	3	0	4
6	1	2	0	6	3	2	8	2	2	0	2	0	2
7	0	0	5	2	4	0	0	0	4	0	0	0	1
8	3	5	1	2	6	0	3	0	0	5	0	0	2
9	2	0	0	7	3	3	2	0	2	0	0	0	2
10	2	1	6	0	2	2	2	1	4	5	2	0	2
11	1	0	0	4	2	***	2	0	2	4	5	2	2
12	4	3	1	2	3	2	3	2	4	0	0	2	2
13	0	2	3	0	6	0	1	2	3	0	2	5	2
14	1	0	2	3	2	0	2	5	1	2	5	2	2
15	0	2	1	2	2	2	2	0	0	2	0	4	2
16	4	3	1	3	0	2	1	0	3	0	1	0	1
17	2	3	2	3	1	0	7	0	0	2	0	0	2
18	2	0	5	1	4	0	3	3	6	3	2	4	3
19	2	2	3	5	5	6	0	1	4	2	8	7	4
20	5	2	7	3	4	1	4	3	4	3	3	6	4
21	5	4	4	6	2	1	3	3	5	2	0	4	3
22	0	4	3	6	5	4	2	2	4	0	3	3	3
23	3	3	1	5	7	***	6	9	3	3	2	0	4
24	2	2	0	3	3	0	2	0	3	0	4	2	2
25	2	3	2	6	2	3	5	6	0	4	2	5	3
26	2	2	6	3	7	5	5	2	2	2	8	2	4
27	5	4	2	7	0	2	1	3	2	0	1	3	3
28	1	3	4	4	2	4	2	4	1	2	0	2	2
29	2	0	2	2	2	2	0	2	0	0	1	0	1
30	5	0	2	4	0	3	2	2	0	2	2	0	2
31	3	0	2	4	2	0	2	5	2	0	2	4	2
MEAN	2	2	3	3	3	2	2	3	3	2	2	2	2.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012

BURLINGTON/WELLINGTON HAMILTON

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	3	0	3	3	0	2	2	2	0	0	2
2	2	0	0	2	1	0	2	4	3	0	0	2	1
3	3	3	7	0	6	2	3	2	3	0	2	3	3
4	2	0	2	3	3	5	0	4	2	0	0	0	2
5	2	0	0	3	2	0	2	2	0	2	0	3	1
6	2	0	2	3	0	3	0	0	2	0	0	3	1
7	3	3	0	0	3	0	0	0	3	4	1	1	2
8	2	4	2	2	1	4	4	7	5	2	4	1	3
9	5	6	10	8	6	3	2	2	5	4	2	3	5
10	0	2	0	0	0	3	1	2	2	0	0	0	1
11													
12	2	5	0	0	0	0	- DATA UNAVAILABLE -	3	0	2	2	2	2
13	3	0	3	4	3	3	3	2	1	1	7	3	3
14	2	2	2	2	4	2	2	1	0	2	1	0	2
15	0	3	2	4	2	2	10	3	3	3	4	4	3
16	2	0	2	2	2	4	2	0	0	0	4	3	2
17	2	0	2	1	2	1	0	16	0	5	2	5	3
18	0	0	2	0	0	2	1	2	1	0	2	1	1
19	1	0	3	0	3	2	0	1	2	0	0	0	1
20	2	2	3	3	2	0	0	5	2	2	0	1	2
21	1	0	2	2	4	1	2	1	1	2	0	1	1
22	1	2	3	3	***	1	2	2	0	0	2	0	1
23	2	2	2	3	2	0	3	3	1	0	3	0	2
24	0	2	2	0	2	1	0	2	2	3	0	3	1
25	2	0	0	3	3	3	1	0	0	1	0	0	1
26	0	0	0	2	1	3	2	0	0	0	6	2	1
27	2	0	2	4	0	2	3	0	0	2	2	2	2
28	3	3	2	0	2	0	2	0	1	2	0	0	1
29	1	5	1	3	2	3	2	2	4	0	2	2	2
30	0	4	2	4	4	4	0	3	3	2	3	2	3
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	1.9

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - WC NO 29012			BURLINGTON/WELLINGTON HAMILTON			MONTH - OCT 76						MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	2	0	0	4	2	2	5	2	0	0	3	2
2	6	2	2	3	3	5	4	1	2	0	4	2	3
3	2	3	0	2	3	0	0	1	1	0	2	7	2
4	0	3	3	5	0	1	****	2	1	2	2	5	2
5	3	10	9	11	5	3	2	2	2	2	7	3	5
6	2	2	3	1	2	4	2	2	1	3	1	0	2
7	2	0	0	3	0	2	6	2	2	1	1	4	2
8	0	0	2	1	2	2	1	1	1	0	3	0	1
9	0	2	1	0	0	0	1	0	2	1	2	1	1
10	0	0	2	0	0	0	0	0	2	0	0	2	0
11	1	3	3	2	5	2	0	2	1	0	3	3	2
12	6	5	12	10	3	3	6	1	4	2	2	8	5
13	2	1	3	5	1	1	3	0	1	3	2	0	2
14	1	2	2	2	4	0	2	0	1	3	2	2	2
15	3	1	2	2	5	2	3	2	2	1	1	2	2
16	0	1	1	2	2	0	2	2	1	1	2	2	1
17	0	0	3	0	0	2	2	1	3	2	2	0	1
18	0	1	2	0	4	1	****	0	0	0	0	0	1
19	0	2	2	4	3	3	8	2	0	3	0	0	1
20	0	0	2	2	3	4	3	3	3	4	3	1	2
21	0	2	2	2	3	3	0	0	2	0	0	0	1
22	2	2	0	2	2	2	0	2	2	2	0	5	2
23	2	0	0	2	3	2	1	2	5	2	0	3	2
24	2	2	5	2	4	0	2	2	0	0	3	0	2
25	0	2	0	2	2	7	2	5	0	2	0	0	2
26	0	0	0	2	2	2	3	1	0	0	0	1	1
27	0	0	5	3	0	0	0	2	0	0	2	4	1
28	3	0	0	1	2	****	4	0	2	0	0	1	1
29	0	2	0	3	1	2	0	3	2	3	0	3	2
30	4	2	7	3	4	2	1	3	4	4	2	3	3
31	3	7	2	1	0	2	2	0	2	1	2	0	2
MEAN	2	2	2	3	2	2	2	2	2	1	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - WC NO 29012			BURLINGTON/WELLINGTON HAMILTON			MONTH - NOV 76						MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	2	3	3	0	3	2	1	1	5	7	5	3
2	4	3	2	5	4	4	2	2	1	0	1	2	3
3	2	2	4	4	4	3	0	0	3	1	3	6	3
4	9	3	1	3	4	2	0	2	1	2	2	2	3
5	3	2	0	1	2	0	2	1	3	3	1	0	2
6	2	2	0	2	3	0	3	1	0	4	0	3	2
7	0	2	4	0	1	2	0	1	0	1	0	1	1
8	2	2	0	5	3	0	0	0	0	0	2	2	1
9	2	2	0	2	1	2	3	3	4	6	3	2	3
10	2	2	2	5	3	2	0	0	2	2	1	2	2
11	2	2	3	1	1	2	0	1	2	2	0	2	2
12	0	2	0	3	2	****	0	2	1	5	2	1	2
13	2	2	5	0	2	0	4	0	0	2	0	4	2
14	0	2	0	2	1	6	1	2	0	7	2	3	2
15	5	3	5	4	6	2	1	3	2	7	4	7	4
16	5	7	6	5	3	2	0	4	5	3	8	2	4
17	4	6	4	7	9	6	6	1	3	1	2	6	5
18	1	0	7	4	2	1	0	2	2	0	0	2	2
19	2	3	3	7	2	4	0	7	0	2	0	1	3
20	1	0	3	4	4	2	0	2	5	2	1	2	2
21	2	0	1	0	2	0	2	2	0	0	0	1	1
22	0	4	0	1	1	3	2	0	2	2	2	1	2
23	0	1	1	0	4	0	2	0	1	0	1	1	1
24	0	3	1	4	5	****	1	1	0	2	2	2	2
25	1	1	2	7	3	5	3	4	6	6	9	12	5
26	1	2	0	2	1	3	1	2	1	1	2	0	1
27	3	2	0	4	2	2	2	1	2	2	2	2	2
28	1	4	1	2	2	2	2	2	0	2	0	0	2
29	0	2	2	2	5	2	1	0	3	2	1	7	2
30	0	5	1	0	8	1	2	2	1	2	2	2	2
MEAN	2	2	2	3	3	2	1	2	2	2	2	3	2.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012				BURLINGTON/WELLINGTON HAMILTON				MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	0	3	3	3	3	1	0	2	1	2	2
2	1	2	4	5	2	0	2	0	4	5	0	3	2
3	2	2	3	5	3	2	2	1	2	2	12	12	4
4	14	16	15	12	2	2	2	2	1	2	1	0	6
5	3	2	3	0	3	4	2	2	0	5	0	3	2
6	1	8	2	3	8	****	****	1	0	5	0	3	2
7	5	2	5	4	2	2	2	3	9	4	5	2	5
8	1	0	2	3	0	6	4	0	1	0	2	0	2
9	2	3	2	7	5	8	3	5	6	6	7	3	4
10	2	5	5	6	2	2	2	2	5	5	8	11	5
								7	1	2	5	3	4
11	2	1	5	1	2	0	1	0	1	5	3	9	3
12	2	3	10	5	4	2	2	2	6	2	2	0	3
13	4	0	2	1	0	0	7	0	4	2	4	2	2
14	4	5	6	5	3	2	3	1	0	3	1	2	3
15	4	6	2	7	5	5	4	2	1	6	17	14	6
16	11	13	13	14	8	12	4	11	9	13	5	2	10
17	2	8	3	2	7	3	5	1	2	0	2	1	3
18	5	2	0	0	2	2	2	0	3	2	2	4	2
19	4	9	6	8	6	11	6	7	7	2	9	13	7
20	10	13	11	10	7	2	2	2	3	0	1	4	5
21	0	0	3	2	0	****	0	5	2	2	1	0	1
22	2	3	1	7	4	6	3	4	2	0	2	4	3
23	1	6	7	2	5	0	2	3	0	3	2	0	3
24	2	0	3	3	2	0	2	1	4	4	4	4	2
25	4	4	4	3	0	6	1	4	3	6	3	2	3
26	4	2	3	2	2	2	8	0	0	1	0	2	2
27	1	2	5	4	0	4	0	0	6	3	2	3	3
28	5	7	11	8	3	2	3	0	3	2	6	2	4
29	2	2	3	2	4	1	3	2	2	2	4	5	3
30	4	3	2	4	3	0	3	0	6	2	6	2	3
31	2	2	2	0	2	4	2	2	3	2	0	3	2
MEAN	4	4	5	4	3	3	3	2	3	3	4	4	3.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	19	2.9	5	12
MAR	10	1.6	2	7
APR	17	1.9	4	10
MAY	13	3.5	7	13
JUN	30	2.3	4	11
JUL	31	2.3	5	11
AUG	31	2.4	4	11
SEP	29	1.9	5	16
OCT	31	1.9	5	12
NOV	30	2.2	5	12
DEC	31	3.5	10	17
YEAR	272	2.4	10	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	175	53	5	0	0	0	0	233
MAR	109	16	0	0	0	0	0	125
APR	188	30	0	0	0	0	0	218
MAY	97	48	4	0	0	0	0	149
JUN	318	36	2	0	0	0	0	356
JUL	308	59	3	0	0	0	0	370
AUG	306	62	1	0	0	0	0	369
SEP	327	19	0	1	0	0	0	347
OCT	339	28	2	0	0	0	0	369
NOV	313	44	1	0	0	0	0	358
DEC	271	77	19	2	0	0	0	369
YEAR	2751	472	37	3	0	0	0	3263

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT						MAX	ARITH MEAN
				50	70	90	95	98	99		
81.2	0	0.0	0.4	1.5	2.5	4.8	6.5	8.6	10.5	17	2.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29015

MERRICK ST HAMILTON

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7	5	9	3	3	3	2	0	5	11	4	8	3	*****
8	3	1	5	5	6	2	3	5	3	0	3	0	3
9	0	7	2	2	0	6	4	3	7	4	3	3	4
10	3	0	4	2	4	3	3	3	1	4	2	2	3
11													
12	3	11	9	13	11	9	9	11	9	5	5	6	8
13	9	2	5	3	6	4	0	4	3	5	2	2	4
14	0	5	3	8	4	5	11	11	15	4	3	3	6
15	1	0	0	3	2	3	0	3	1	0	3	2	2
16	0	0	1	1	5	2	0	3	5	7	7	4	3
17	5	5	3	2	2	0	5	3	3	0	2	4	3
18	1	5	0	3	2	3	2	2	2	5	3	3	3
19	0	0	0	2	2	0	0	2	5	0	2	5	2
20	6	2	2	6	6	0	****	0	3	****	****	****	3
21	2	0	0	1	3	2	7	2	0	2	2	2	2
22	2												
23	1	2	0	3	5	0	0	0	2	5	0	0	1
24	2	0	2	5	5	5	****	****	****	****	****	****	2
25	****	3	2	0	5	2	2	7	6	6	13	8	*****
26	7	9	9	5	2	2	3	5	5	7	6	9	5
27	5	9	2	3	4	3	1	5	3	2	****	****	6
28													
29													
30	****	****	****	****	0	0	2	0	3	0	0	2	1
31	3	1	2	4	5	0	3	0	3	3	7	3	3
MEAN	3	3	3	4	4	3	3	4	4	3	4	3	3.3

PERCENTAGE OF DATA VALID - 70.4

PERCENTAGE OF DATA INVALID - 11.8

PERCENTAGE OF DATA UNAVAILABLE - 17.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29015

MERRICK ST HAMILTON

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	2	5	0	5	1	5	3	0	2	0	3
2	2	0	2	0	6	4	0	6	0	3	0	0	2
3	1	0	0	0	5	2	2	1	2	0	5	7	2
4	8	5	4	0	7	0	3	4	7	2	3	2	4
5	3	5	3	1	0	3	2	2	5	3	2	2	3
6	0	3	6	6	7	3	5	2	4	2	2	3	4
7	0	2	1	2	2	0	3	3	0	2	3	0	2
8	0	2	1	2	0	0	1	1	0	0	0	1	1
9	2	0	1	3	4	3	0	2	2	5	4	1	2
10	2	0	2	2	1	1	6	5	3	3	3	2	3
11	1	4	2	0	1	2	1	2	5	5	0	0	2
12	0	3	0	0	4	1	3	2	0	0	1	0	1
13	0	1	2	8	1	5	0	2	1	3	0	0	2
14	1	0	0	3	3	2	2	2	5	2	0	0	2
15	3	3	1	3	2	2	3	0	4	1	0	2	2
16	0	0	0	0	0	1	2	0	7	1	0	0	2
17	3	1	4	1	4	2	3	2	2	2	2	3	1
18	5	3	0	2	2	2	3	2	1	2	3	1	2
19	2	1	0	2	3	2	1	4	7	2	2	0	3
20	2	0	1	1	0	2	1	0	1	3	1	2	2
21	6	4	5	5	8	4	6	4	2	2	2	2	4
22	1	0	0	2	3	0	2	0	0	0	0	1	1
23	3	0	0	4	****	2	4	10	5	0	0	0	3
24	7	0	3	0	0	2	6	3	2	2	8	7	4
25	3	2	10	7	5	3	2	3	1	2	3	4	5
26	5	2	2	7	8	2	2	7	4	7	3	9	4
27	6	8	5	2	2	3	2	0	0	5	5	18	5
28	7	5	2	3	5	3	2	3	5	0	5	3	4
29	2	3	1	1	7	2	2	3	4	3	0	1	2
MEAN	3	2	2	3	3	2	2	3	3	2	2	2	2.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - MAR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	5	0	2	3	3	6	3	1	2	2
2	2	5	5	3	0	5	0	3	5	7	3	6	4
3	9	5	0	5	4	7	8	8	6	4	0	5	5
4	0	4	1	6	6	5	4	7	9	3	4	2	4
5	6	5	16	20	23	1	2	4	1	3	0	0	7
6	2	0	2	0	1	2	2	2	1	1	2	3	2
7	2	0	0	0	3	1	2	0	2	1	0	3	1
8	2	0	1	1	2	0	2	2	3	2	1	6	2
9	4	2	2	3	6	7	0	3	4	1	4	2	3
10	4	4	2	2	5	4	3	3	5	0	3	2	3
11	0	3	5	4	****	0	2	4	5	2	2	3	3
12	2	1	3	4	6	5	6	13	11	9	2	3	5
13	0	4	1	5	2	0	2	2	0	2	2	2	2
14	0	2	2	0	3	0	4	0	2	3	2	0	2
15	0	0	0	0	2	2	2	0	1	1	0	2	1
16	3	2	5	2	5	3	2	3	1	0	0	1	2
17	2	2	0	0	2	0	3	3	1	0	6	2	2
18	0	2	3	6	6	3	3	2	2	5	2	2	3
19	7	7	8	2	2	2	2	2	3	0	3	2	3
20	2	2	0	2	0	3	2	9	2	3	2	2	2
21	0	2	2	2	2	2	3	2	1	2	2	0	2
22	4	0	2	2	2	3	7	0	4	2	2	3	3
23	3	2	4	2	3	4	0	5	2	2	2	2	3
24	0	2	0	2	2	3	2	0	1	2	0	3	1
25	0	1	1	2	0	2	0	0	2	0	5	4	1
26	2	2	8	6	7	6	8	13	13	9	5	4	7
27	6	3	4	3	2	2	5	2	0	0	0	0	2
28	3	0	2	0	1	0	3	3	0	2	2	1	1
29	2	3	2	6	3	3	2	3	3	0	2	0	2
30	2	0	5	2	3	2	2	4	4	5	4	5	3
31	0	1	0	0	2	0	4	5	9	4	0	1	2
MEAN	2	2	3	3	4	3	3	4	4	3	2	2	2.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - APR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	2	3	2	4	3	0	0	1	2
2	1	2	1	2	2	1	0	0	0	4	2	0	1
3	3	2	0	2	1	1	2	8	3	1	0	1	2
4	0	1	0	2	5	1	0	0	0	0	0	1	1
5	1	2	1	0	2	****	0	5	2	5	3	3	2
6	7	7	3	2	4	1	2	1	3	2	1	2	3
7	2	2	2	4	4	2	5	2	7	2	2	3	3
8	3	2	2	4	5	5	5	5	2	3	0	3	3
9	2	5	3	7	7	3	2	3	3	0	3	2	3
10	0	2	2	3	2	3	3	2	2	3	2	2	2
11	2	2	2	7	0	4	0	2	0	0	0	4	2
12	2	2	4	2	7	0	1	1	0	4	2	2	2
13	4	4	4	6	2	4	7	2	3	3	2	5	4
14	3	5	5	9	5	7	3	5	4	4	2	4	5
15	2	7	4	5	5	2	2	5	4	4	2	2	4
16	7	3	0	0	0	4	2	4	0	4	4	0	2
17	4	0	2	2	4	1	2	2	3	4	0	4	2
18	0	0	0	2	2	0	2	0	0	4	5	2	1
19	3	0	2	5	2	1	2	2	0	2	2	1	2
20	0	0	2	4	****	2	4	9	8	9	8	9	5
21	8	8	5	5	2	6	7	11	9	5	13	8	7
22	6	2	0	0	0	2	0	2	2	2	2	1	2
23	0	0	0	0	0	3	2	2	0	0	2	3	1
24	7	0	0	5	5	0	3	3	11	4	5	4	4
25	4	2	0	0	3	2	0	0	4	0	2	0	1
26	2	0	12	3	2	4	3	0	2	2	2	2	3
27	3	0	2	2	0	3	2	0	0	2	3	0	1
28	0	0	1	2	4	2	2	0	2	0	0	0	1
29	2	0	0	2	2	5	0	3	0	0	3	3	2
30	4	2	5	5	1	2	2	3	2	2	4	2	3
MEAN	3	2	2	3	3	3	2	3	3	3	3	2	2.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	0	3	3	9	10	7	7	11	0	4	5
2	2	7	3	2	0	2	8	0	2	2	1	2	3
3	0	6	0	0	0	2	0	5	2	0	0	1	3
4	2	5	2	3	4	2	2	2	3	2	5	2	3
5	0	0	0	6	****	2	3	6	6	8	2	1	3
6	0	0	2	2	6	2	10	9	13	5	0	4	4
7	4	0	0	5	0	5	5	2	7	5	11	1	4
8	2	2	5	0	2	0	3	2	3	1	2	3	2
9	0	0	0	3	5	1	3	0	5	3	3	0	2
10	2	5	9	7	11	3	3	2	2	2	2	3	4
11	2	3	0	2	3	5	2	3	2	2	0	3	2
12	1	0	0	2	2	2	0	0	3	2	4	0	1
13	2	3	2	2	****	1	3	0	3	2	4	0	3
14	2	5	9	11	3	5	0	3	3	2	7	5	5
15	3	7	10	9	13	18	13	11	9	9	5	3	9
16	5	5	13	15	8	5	9	7	5	11	4	3	8
17	2	0	1	5	2	2	0	2	0	3	2	3	2
18	3	2	2	3	2	5	0	0	2	0	3	2	2
19	2	0	5	0	3	0	0	2	0	2	5	0	2
20	7	3	0	0	0	3	0	1	3	0	0	0	1
21	1	2	0	2	0	0	****	0	7	1	3	7	2
22	2	0	0	2	3	3	2	3	0	3	3	3	2
23	5	4	0	0	0	5	2	5	3	0	0	3	2
24	1	3	0	5	2	3	0	0	7	3	5	3	3
25	2	0	7	2	2	3	9	8	5	3	7	0	4
26	3	3	1	2	3	5	2	3	0	0	0	7	2
27	2	0	5	5	3	7	0	3	2	3	7	2	3
28	0	1	9	5	9	17	17	17	3	3	5	2	7
29	4	9	7	5	5	11	11	5	5	1	2	5	6
30	5	2	3	6	11	13	13	11	3	3	0	7	6
31	2	4	9	3	9	9	15	9	9	5	4	0	7
MEAN	2	3	3	4	4	5	5	4	4	3	3	3	3.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	7	7	0	6	****	9	6	7	13	11	6
2	11	1	7	8	8	7	5	6	6	10	4	9	7
3	10	9	12	22	16	5	9	0	5	0	5	6	8
4	9	6	4	12	12	8	13	3	5	5	7	7	8
5	3	7	7	7	11	7	12	11	9	5	2	4	7
6	4	2	8	1	3	1	0	2	0	2	0	1	2
7	4	2	2	5	2	2	4	4	4	4	1	0	3
8	6	5	2	4	7	4	3	2	4	0	4	6	4
9	2	4	2	2	****	1	5	0	3	4	4	0	2
10	5	5	0	4	6	7	3	10	0	2	2	7	4
11	0	7	2	5	4	7	0	4	0	1	0	1	3
12	0	0	2	3	3	3	4	3	9	3	3	2	3
13	0	0	2	7	2	5	4	2	6	5	2	0	3
14	3	2	3	1	2	9	6	0	0	0	5	3	3
15	5	0	2	5	2	3	11	5	2	3	2	6	4
16	0	2	4	2	9	2	4	2	0	2	0	7	3
17	2	4	5	7	7	5	3	0	2	6	4	11	5
18	7	3	11	5	15	7	13	15	13	9	11	8	10
19	3	9	2	0	5	2	5	0	0	0	1	0	2
20	3	6	3	0	0	0	6	0	0	3	2	2	2
21	0	3	2	6	0	3	6	2	0	4	0	0	2
22	2	2	2	6	2	5	0	8	3	3	9	7	4
23	7	4	3	7	11	6	13	13	8	13	6	10	8
24	7	6	13	17	3	6	9	4	2	5	5	0	6
25	5	0	2	3	3	4	2	0	2	2	0	1	2
26	0	5	2	2	2	7	2	0	3	2	2	5	3
27	2	0	2	2	2	2	6	2	2	2	2	0	2
28	2	4	2	4	0	4	5	3	3	3	0	5	3
29	4	2	0	3	4	11	2	3	3	2	5	7	4
30	2	3	2	7	2	9	11	6	2	8	0	4	5
MEAN	4	4	4	5	5	5	6	4	3	4	3	4	4.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - WC NO 29015 MERRICK ST HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	0	0	0	3	2	0	0	0	2	0	2	1
2	0	2	4	2	3	0	2	3	0	3	0	0	2
3	0	0	2	0	4	2	0	7	0	3	1	2	2
4	6	0	2	2	3	0	8	4	0	0	5	3	3
5	5	2	5	2	3	2	2	2	3	3	0	4	3
6	2	2	6	5	3	3	2	5	3	2	0	0	3
7	0	0	3	5	3	7	3	3	5	5	2	2	3
8	3	2	5	2	4	0	4	3	0	0	2	0	2
9	2	3	4	3	2	4	0	2	4	3	0	3	3
10	0	5	1	5	0	0	0	3	0	2	2	1	2
11	7	3	4	2	2	2	0	2	2	3	0	0	2
12	2	0	2	0	0	5	0	0	0	1	1	0	1
13	0	0	3	0	0	2	2	4	0	3	0	2	1
14	3	0	0	4	0	1	5	1	0	5	4	1	2
15	0	3	8	11	4	9	2	11	11	9	7	8	7
16	3	2	4	6	7	0	3	2	2	0	0	0	2
17	2	0	1	4	0	0	0	1	4	7	0	1	2
18	0	0	1	3	2	2	2	3	0	0	2	4	2
19	1	2	3	1	***	3	0	2	4	5	0	0	2
20	6	2	1	4	2	2	6	2	2	2	3	1	3
21	1	0	2	7	2	4	4	3	3	3	9	3	3
22	8	5	3	7	10	6	10	7	7	6	5	0	6
23	7	2	3	11	9	7	11	9	15	7	11	1	8
24	2	0	4	2	1	2	2	0	2	0	2	2	2
25	2	1	0	4	1	0	1	3	0	0	4	0	1
26	1	2	0	0	4	1	5	2	0	5	0	5	2
27	1	0	2	2	7	0	2	0	6	2	6	3	3
28	4	4	4	3	5	11	10	7	9	5	1	3	6
29	2	2	10	4	5	2	3	5	3	3	0	3	4
30	4	3	2	4	2	1	5	3	5	3	2	0	3
31	2	3	0	0	3	3	4	5	0	0	2	1	2
MEAN	3	2	3	3	3	3	3	3	3	3	2	2	2.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - WC NO 29015 MERRICK ST HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	5	0	0	4	3	2	2	0	2	0	5	2
2	1	3	1	0	0	2	3	1	1	0	0	2	1
3	2	5	1	***	-	3	6	1	2	2	2	3	3
4	2	5	3	5	0	3	3	3	0	0	2	0	2
5	2	1	5	2	8	4	3	7	2	5	2	3	4
6	2	3	5	2	4	3	6	5	5	1	7	2	4
7	2	4	2	2	2	5	2	2	3	4	2	5	3
8	0	1	0	1	0	0	2	0	2	0	2	2	1
9	2	2	7	2	4	0	5	4	2	4	2	3	3
10	0	1	0	2	5	5	5	2	2	4	2	0	2
11	2	2	2	7	***	0	5	3	0	2	4	5	3
12	1	2	2	3	1	5	5	6	0	6	0	2	3
13	3	4	0	4	0	1	0	1	1	2	4	8	2
14	0	2	5	0	3	4	2	0	4	0	5	2	2
15	2	0	0	0	4	2	0	0	0	0	2	0	1
16	0	0	12	3	3	0	3	6	3	5	0	0	3
17	0	6	3	3	4	2	2	5	0	4	0	0	2
18	6	3	2	7	9	5	2	3	5	0	2	7	4
19	6	9	7	2	10	2	11	11	4	1	5	4	6
20	4	9	2	5	3	2	3	5	3	1	2	6	4
21	0	6	0	2	0	2	4	9	0	3	1	4	3
22	2	1	3	5	0	2	0	0	2	0	1	3	2
23	4	0	0	13	***	4	3	3	10	2	3	2	4
24	2	2	3	0	3	5	14	8	3	0	5	6	4
25	4	1	3	7	0	14	5	2	2	7	4	8	5
26	11	2	8	11	18	20	5	4	4	2	6	8	8
27	2	2	4	8	0	6	7	3	10	0	1	7	4
28	0	2	2	2	7	2	2	0	2	0	2	0	2
29	3	0	0	0	2	0	4	1	1	2	8	2	2
30	2	0	3	0	3	1	2	3	0	2	1	9	2
31	0	3	0	6	5	0	3	2	0	4	2	4	2
MEAN	2	3	3	3	4	3	4	3	2	2	3	4	3.0

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	MERRICK ST HAMILTON												MEAN
	WC NO 29015	2	4	6	8	10	12	14	16	18	20	22	24
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	5	2	2	0	4	0	6	0	0	0	3	2
2	0	0	3	2	3	3	7	8	6	2	4	6	4
3	4	0	5	7	7	0	3	2	2	1	8	0	3
4	2	2	2	1	4	0	3	0	0	6	0	0	2
5	1	0	0	0	0	2	0	3	0	2	1	2	1
6	3	5	0	2	0	1	1	0	8	3	1	0	2
7	0	0	4	2	-	2	5	4	3	4	2	0	2
8	0	5	12	2	12	1	14	9	9	13	4	12	8
9	14	13	12	12	13	17	11	11	11	8	7	0	11
10	0	0	2	3	0	2	0	1	3	0	0	0	1
11	0	1	0	2	0	1	0	3	0	2	3	4	1
12	0	2	3	0	0	0	0	0	0	1	0	0	1
13	2	0	1	2	1	4	0	1	3	5	2	3	2
14	2	3	3	3	6	3	3	5	1	3	3	3	3
15	0	6	4	9	7	8	1	6	9	12	***	***	6
16	2	***	***	***	***	12	12	6	10	4	6	8	8
17	5	3	1	4	6	3	2	4	2	3	5	2	3
18	0	0	1	3	3	2	7	2	2	2	3	1	2
19	0	3	3	3	0	0	0	2	1	1	0	2	1
20	2	3	2	5	2	2	2	0	2	2	0	2	2
21	2	0	5	2	2	2	2	2	0	2	3	0	2
22	0	0	2	4	***	0	6	6	2	3	5	3	3
23	2	9	4	3	1	5	2	2	0	4	2	0	3
24	2	1	0	7	3	2	3	0	4	0	1	5	2
25	2	2	1	6	2	3	3	2	0	4	1	1	2
26	0	2	2	0	2	2	6	4	0	3	0	3	2
27	2	2	2	8	8	6	4	4	2	6	6	0	4
28	0	2	4	1	3	3	3	2	0	0	2	5	2
29	2	0	2	2	5	3	5	5	0	2	0	2	2
30	0	2	7	8	4	4	6	6	5	5	6	7	5
MEAN	2	2	3	4	3	3	4	4	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	MERRICK ST HAMILTON												MEAN
	WC NO 29015	2	4	6	8	10	12	14	16	18	20	22	24
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	7	3	1	13	11	3	6	6	7	0	9	6
2	3	10	4	3	11	11	9	9	8	5	7	8	7
3	10	4	1	2	3	2	4	5	6	0	8	7	4
4	8	5	13	9	7	8	8	***	3	2	2	3	6
5	7	7	11	18	9	2	3	0	3	7	5	4	6
6	0	0	5	14	0	3	5	3	5	0	1	0	2
7	0	1	2	3	4	0	5	2	5	2	3	3	3
8	0	3	5	3	2	3	2	3	5	0	5	1	3
9	0	2	3	3	3	3	3	2	7	0	2	0	2
10	0	0	0	4	0	0	0	2	1	0	2	2	1
11	2	4	2	3	5	2	3	2	1	3	3	7	3
12	2	5	9	17	13	4	9	3	3	4	2	3	6
13	2	3	3	0	4	0	2	4	3	2	0	0	2
14	0	0	0	2	0	0	3	2	0	1	5	5	2
15	5	2	1	3	3	0	3	3	0	2	2	2	2
16	2	0	0	0	2	2	7	2	3	2	2	2	2
17	1	2	2	0	0	0	5	5	5	0	0	0	1
18	0	0	0	2	***	0	0	3	2	3	2	0	1
19	2	5	3	7	3	5	5	8	3	3	0	9	4
20	5	2	2	7	6	7	7	9	3	7	7	3	5
21	0	0	0	2	2	3	1	3	4	2	0	2	2
22	0	2	0	2	2	3	3	2	3	4	2	0	2
23	0	4	2	0	0	2	2	0	1	5	2	4	2
24	5	5	2	6	2	3	3	0	0	0	0	2	2
25	5	0	2	2	5	5	7	3	2	0	2	0	3
26	2	0	1	0	6	5	2	5	5	0	0	2	2
27	0	0	0	5	3	0	3	2	2	0	3	3	2
28	2	0	0	5	***	1	3	2	2	3	1	3	2
29	0	2	0	0	5	5	3	5	0	2	3	3	2
30	3	2	2	2	3	5	7	2	7	4	3	5	4
31	6	4	7	3	0	2	2	2	5	2	0	2	3
MEAN	2	3	3	4	4	3	4	3	3	2	2	3	3.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29015 MERRICK ST HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	5	5	5	9	0	1	0	4	2	7	3	4
2	3	3	2	11	7	2	6	5	2	3	0	5	4
3	0	2	0	3	5	4	3	3	4	0	3	11	3
4	7	11	4	9	9	9	4	5	3	5	0	1	6
5	2	3	0	2	0	7	4	5	2	3	5	0	3
6	0	3	2	2	2	4	0	4	5	3	3	2	3
7	0	0	0	3	2	0	0	0	2	0	2	0	1
8	2	2	0	3	2	3	0	2	2	3	0	2	2
9	2	2	0	17	9	3	11	3	7	8	3	5	6
10	2	1	3	3	3	5	2	2	2	1	2	2	2
11	0	2	2	2	5	3	3	0	5	3	2	2	2
12	2	2	0	3	***	3	3	2	3	1	2	4	2
13	2	0	2	4	2	2	2	2	3	2	0	1	2
14	6	1	1	2	0	0	2	2	2	2	2	2	2
15	4	2	3	2	7	5	2	2	5	5	8	3	4
16	5	10	5	8	8	4	2	5	6	4	2	4	5
17	3	4	3	2	3	6	3	3	1	2	3	2	3
18	2	2	3	2	5	2	3	4	3	1	1	1	2
19	2	2	2	3	1	3	1	0	3	2	5	0	2
20	2	2	3	2	3	4	3	2	2	0	2	2	2
21	0	0	2	1	4	0	0	0	7	2	2	2	2
22	2	1	3	0	1	0	1	2	0	0	0	4	1
23	0	1	3	3	2	2	4	3	2	3	0	0	2
24	1	0	0	4	***	2	3	6	2	3	0	0	2
25	0	1	2	0	4	8	10	6	9	7	7	8	5
26	8	8	3	2	4	4	2	2	4	2	4	2	4
27	0	2	1	4	2	0	0	8	1	2	0	2	2
28	3	3	2	2	2	2	2	0	1	2	3	2	2
29	0	0	0	3	3	1	3	4	3	0	2	7	2
30	0	0	2	1	4	3	4	2	3	2	0	0	2
MEAN	2	3	2	4	4	3	3	3	3	2	2	3	2.8

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "\*\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29015 MERRICK ST HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	0	2	1	2	3	6	7	6	4	5	4	4
2	1	2	3	2	1	6	3	2	4	4	7	0	3
3	1	4	0	2	4	12	0	4	2	4	2	8	4
4	6	10	4	6	6	8	6	9	2	1	3	2	5
5	2	1	1	2	2	3	4	0	2	3	4	2	2
6	2	6	2	5	6	***	16	9	6	5	0	0	5
7	5	0	2	2	5	0	4	3	2	2	0	2	2
8	2	0	2	2	2	7	2	2	3	3	2	0	2
9	1	2	2	2	6	7	8	12	10	4	6	8	6
10	8	8	2	3	1	2	3	2	2	2	2	2	3
11	0	5	0	2	3	5	5	3	5	1	2	2	3
12	4	2	4	2	4	1	3	7	0	4	2	2	3
13	0	0	2	1	2	1	3	8	2	2	2	5	2
14	0	4	2	4	1	3	1	7	2	5	2	3	3
15	2	0	2	3	3	2	6	6	8	12	13	12	6
16	12	7	8	11	7	11	8	14	8	6	4	1	8
17	5	2	1	2	1	2	2	3	5	0	0	0	2
18	2	0	0	2	2	5	0	4	2	2	4	5	2
19	8	4	9	3	2	3	3	0	6	11	9	16	6
20	8	9	6	2	2	2	0	4	3	2	2	2	4
21	0	6	0	0	***	3	4	4	5	6	6	3	3
22	0	0	0	3	2	2	4	2	4	3	3	1	2
23	3	1	2	4	4	2	2	8	4	6	2	1	3
24	2	0	0	2	2	2	6	5	4	1	3	1	2
25	3	2	3	2	2	2	0	2	2	2	2	0	2
26	1	2	0	1	2	2	1	2	0	2	1	0	1
27	2	2	0	0	2	0	2	0	1	2	2	2	1
28	2	4	0	4	2	4	6	5	8	2	3	2	4
29	1	0	0	4	0	3	2	2	1	2	2	3	2
30	2	2	2	3	4	2	5	12	4	5	5	3	4
31	0	0	4	3	2	2	3	2	4	0	5	2	2
MEAN	3	3	2	3	3	4	4	5	4	3	3	3	3.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "\*\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	3.3	8	15
FEB	29	2.5	5	18
MAR	31	2.8	7	23
APR	30	2.6	7	13
MAY	31	3.6	9	18
JUN	30	4.2	10	22
JUL	31	2.7	8	15
AUG	31	3.0	8	20
SEP	30	3.0	11	17
OCT	31	3.1	7	18
NOV	30	2.8	6	17
DEC	31	3.3	8	16
YEAR	357	3.1	11	23

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	82	71	9	0	0	0	0	262
FEB	286	60	0	1	0	0	0	347
MAR	301	63	4	2	1	0	0	371
APR	299	55	4	0	0	0	0	358
MAY	254	93	18	4	0	0	0	369
JUN	218	112	25	2	1	0	0	358
JUL	298	65	8	0	0	0	0	371
AUG	281	77	8	2	0	0	0	368
SEP	271	64	16	1	0	0	0	352
OCT	274	86	7	2	0	0	0	369
NOV	297	56	4	1	0	0	0	358
DEC	282	75	11	2	0	0	0	370
YEAR	3243	877	114	17	2	0	0	4253

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.8	0	0.0	1.1	1.9	3.2	6.4	8.4	10.9	12.6	23	3.1

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 29017 CHATHAM/FRID HAMILTON							MONTH - JAN 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	1	0	2	0	2	4	0	1	2	4	2
2	2	2	0	2	0	2	2	2	4	2	0	0	2
3	2	2	0	0	2	3	0	0	1	0	1	1	1
4	3	0	0	0	2	3	0	2	0	3	2	0	1
5	6	0	3	2	0	0	1	5	5	2	0	1	2
6	4	5	1	4	****	-	-	****	****	****	****	****	*****
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14							- DATA INVALID -						
15							- DATA INVALID -						
16							- DATA INVALID -						
17							- DATA INVALID -						
18							- DATA INVALID -						
19							- DATA INVALID -						
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23							- DATA INVALID -						
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
30	2	2	5	2	2	2	0	3	0	2	2	5	2
31	13	4	5	10	10	2	2	8	2	1	4	7	8
MEAN	4	2	2	3	3	2	1	3	2	2	2	3	2.3

PERCENTAGE OF DATA VALID - 23.7

PERCENTAGE OF DATA INVALID -150.0

PERCENTAGE OF DATA UNAVAILABLE --73.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 29017 CHATHAM/FRID HAMILTON							MONTH - FEB 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	4	8	3	2	2	5	2	0	2	0	2	3
2	0	1	2	4	4	3	2	4	9	3	5	4	3
3	4	7	7	2	3	5	2	3	8	4	2	8	5
4	4	4	7	7	0	3	0	0	0	1	0	1	2
5	3	3	9	0	0	5	2	5	2	2	0	6	3
6	4	2	5	7	0	3	2	0	2	0	0	0	2
7	3	2	1	2	2	4	2	0	0	0	0	4	2
8	0	0	0	0	3	2	0	5	2	2	1	3	2
9	0	7	5	2	5	5	2	1	2	4	2	9	4
10	4	0	2	9	2	3	0	0	2	5	2	4	3
11	7	3	0	0	4	2	0	2	0	0	0	2	2
12	17	2	2	2	0	1	2	2	5	5	2	7	4
13	5	9	14	14	2	2	6	1	1	0	3	6	5
14	2	2	0	0	0	0	2	3	4	0	1	0	1
15	0	0	2	4	10	4	3	4	2	4	2	7	4
16	4	5	2	6	7	0	5	5	7	7	0	4	4
17	0	2	1	0	3	0	0	0	0	1	0	0	1
18	5	0	4	6	3	2	5	6	8	4	4	0	4
19	0	0	0	1	4	0	0	0	2	2	4	0	1
20	4	2	2	4	-	-	-	-	-	****	****	****	*****
21							- DATA INVALID -						
22							- DATA INVALID -						
23							- DATA INVALID -						
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
MEAN	4	3	4	4	3	2	2	2	3	2	1	4	2.8

PERCENTAGE OF DATA VALID - 66.7

PERCENTAGE OF DATA INVALID - 86.4

PERCENTAGE OF DATA UNAVAILABLE --33.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2							- DATA INVALID -						
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12	3	5	13	5	5	2	0	1	7	5	5	0	4
13	3	6	6	8	2	0	2	0	2	2	2	0	3
14	2	0	2	0	4	0	0	5	2	7	2	2	2
15	1	0	0	5	1	2	0	4	2	6	5	0	2
16	0	2	2	3	2	0	1	2	3	0	0	2	1
17	2	2	2	2	0	0	2	2	3	3	2	4	2
18	2	2	3	2	3	3	7	4	4	0	0	2	3
19	0	0	1	1	4	0	1	5	2	1	2	4	2
20	0	0	2	0	2	0	0	6	10	2	4	0	2
21	3	1	2	0	3	5	12	8	9	2	0	2	4
22	1	8	3	0	0	7	1	4	4	3	2	8	3
23	2	0	0	5	3	3	2	2	2	2	2	0	2
24	2	2	3	0	0	0	7	2	4	0	2	5	2
25	0	0	2	2	2	8	3	0	7	5	2	4	3
26	0	2	2	0	4	3	4	1	2	0	3	6	2
27	2	2	2	2	2	7	3	2	8	2	9	4	4
28	10	2	0	1	0	2	0	0	3	4	2	0	2
29	0	0	4	0	1	3	1	0	0	0	5	6	2
30	9	4	2	12	17	7	4	3	3	12	1	2	6
31	11	14	11	0	10	5	2	5	0	2	0	2	5
MEAN	3	3	3	2	3	3	3	3	4	3	3	3	2.9

PERCENTAGE OF DATA VALID - 64.5

PERCENTAGE OF DATA INVALID - 70.7

PERCENTAGE OF DATA UNAVAILABLE - 35.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	0	0	6	0	0	0	2	1	1	1
2	0	3	0	0	2	0	2	0	0	5	0	1	1
3	2	0	1	0	3	2	9	0	7	8	4	1	3
4	2	2	0	0	3	6	0	-	-	-	-	-	*****
5	-	-	-	-	-	-	****	2	0	2	4	2	*****
6	5	2	4	2	6	2	0	1	1	0	0	2	2
7	1	2	1	5	0	4	3	2	2	3	0	2	2
8	0	1	2	1	0	0	2	1	2	3	2	3	1
9	0	2	3	3	2	0	2	2	2	4	5	0	2
10	2	3	2	5	5	0	3	0	3	0	2	2	2
11	0	0	1	2	0	0	2	0	2	0	0	1	1
12	0	2	0	6	2	0	1	2	3	0	0	5	2
13	2	2	3	2	4	5	2	3	0	2	3	2	3
14	3	4	11	5	5	2	4	5	3	6	2	4	5
15	2	5	9	3	7	3	4	8	3	3	3	2	4
16	2	4	3	1	2	1	4	4	3	4	5	5	3
17	2	2	0	2	3	2	1	2	0	3	4	3	2
18	2	5	2	2	3	1	2	2	0	3	5	2	2
19	2	5	0	5	2	0	2	1	2	0	2	2	2
20	0	2	2	0	0	0	3	5	6	7	3	4	3
21	3	5	5	5	3	13	11	11	8	11	9	9	8
22	1	5	0	2	2	0	3	0	2	4	0	1	2
23	0	2	0	2	0	2	0	4	2	2	0	0	1
24	4	1	4	0	5	2	0	0	0	0	2	1	2
25	1	2	2	1	3	2	0	0	1	0	2	*****	1
26	****	0	2	2	0	****	****	7	0	1	2	0	2
27	0	2	3	0	3	1	2	0	2	0	2	2	1
28	5	2	2	0	0	0	3	2	3	3	5	2	2
29	0	1	0	1	2	0	6	0	3	3	2	1	2
30	9	3	3	6	2	1	1	2	1	3	4	7	4
MEAN	2	2	2	2	2	2	3	2	2	3	3	2	2.3

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - MAY 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	10	6	4	2	7	2	2	0	0	2	1	3
2	0	1	2	3	2	2	3	3	0	2	2	0	2
3	3	2	1	1	1	1	0	2	1	2	2	3	2
4	1	4	2	1	1	0	0	0	5	***	***	2	2
5	1	1	0	***	***	***	***	2	4	2	3	2	2
6	2	2	0	2	3	5	2	3	6	3	2	0	3
7	0	2	1	2	1	3	2	2	0	5	2	2	2
8	1	3	1	0	0	0	0	0	0	0	3	3	1
9	1	2	3	3	3	0	3	3	3	5	8	7	3
10	2	4	3	2	1	5	3	8	4	2	0	3	3
11	4	3	3	2	1	1	0	1	1	3	0	0	2
12	0	3	1	2	0	0	2	2	2	3	1	2	2
13	4	***	***	***	***	***	***	3	2	0	2	2	*****
14	5	6	5	5	10	3	3	2	1	4	0	1	4
15	2	4	2	8	3	9	9	11	6	11	11	3	7
16	1	0	2	2	4	7	12	8	0	9	5	6	5
17	5	2	0	5	3	0	2	0	0	2	0	0	2
18	0	1	0	2	2	0	2	1	0	0	2	0	1
19	1	0	1	2	2	3	2	0	1	0	0	2	1
20	0	2	2	2	2	3	3	2	3	5	3	1	2
21	2	2	0	3	***	***	***	***	0	0	2	2	1
22	0	3	0	2	2	0	0	2	1	0	2	0	1
23	2	1	0	8	5	1	0	0	0	2	0	2	2
24	4	2	2	2	0	0	2	3	2	3	1	2	2
25	2	2	3	3	9	3	1	4	2	2	0	8	3
26	4	2	2	3	3	5	4	2	5	3	5	0	3
27	3	4	2	0	3	2	2	5	4	7	11	10	4
28	9	12	12	5	3	3	2	5	2	4	5	8	6
29	6	7	4	3	2	3	4	3	0	7	4	6	4
30	11	2	2	4	5	11	11	3	2	2	5	11	6
31	2	3	7	6	5	2	2	2	2	6	***	-	4
MEAN	3	3	2	3	3	3	3	3	2	3	3	3	2.7

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - JUN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	-	-	-	-	-	-	***	0	0	6	7	4	*****
2	6	3	9	4	2	6	2	2	5	6	9	9	5
3	5	11	12	***	-	-	-	-	-	-	-	-	*****
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7	-	-	-	-	0	0	3	0	2	0	11	7	3
8	6	3	2	7	6	3	2	5	2	2	7	5	4
9	2	2	6	0	0	3	2	0	2	0	9	0	2
10	0	3	2	2	4	2	2	2	0	2	0	1	2
11	9	2	4	12	9	2	3	2	3	2	3	0	4
12	0	1	0	0	2	0	0	3	2	1	5	3	1
13	0	0	0	5	3	0	2	3	2	7	3	2	2
14	5	0	7	5	2	2	2	3	3	5	0	7	3
15	5	0	3	5	0	2	1	7	5	5	2	7	4
16	3	9	2	2	0	2	2	3	3	2	5	2	3
17	2	8	5	0	5	0	2	7	3	2	7	3	4
18	8	12	2	7	0	***	9	7	7	9	5	5	6
19	7	7	5	3	3	2	0	***	0	2	5	0	3
20	0	4	0	2	0	2	0	0	0	7	0	3	2
21	2	2	0	0	5	3	3	2	3	0	4	0	2
22	7	0	3	2	0	4	1	9	0	5	5	5	4
23	9	9	12	15	7	5	7	2	12	7	5	12	9
24	3	7	13	17	16	7	7	3	2	5	0	2	7
25	0	2	2	0	3	2	0	7	2	7	0	2	2
26	2	0	3	0	0	2	0	2	2	5	0	3	2
27	3	2	3	0	0	2	5	2	2	7	0	0	2
28	3	2	9	2	3	7	5	2	3	0	2	9	4
29	0	0	5	2	1	5	2	5	0	0	0	2	2
30	3	0	2	2	7	7	0	2	0	2	2	0	2
MEAN	4	4	4	4	3	3	2	3	3	4	4	4	3.4

PERCENTAGE OF DATA VALID - 83.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 15.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29017 CHATHAM/FRID HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	4	4	0	3	0	3	3	2	2	3	0	2	2
2	0	9	3	0	0	3	0	0	0	4	0	0	2
3	3	0	0	0	2	3	0	3	4	3	0	7	2
4	0	0	2	4	2	0	0	5	8	0	2	7	3
5	9	0	3	0	2	6	2	2	4	3	4	2	3
6	7	8	7	11	3	3	1	4	6	4	4	6	5
7	4	4	5	6	***	3	4	3	3	7	0	5	4
8	2	2	3	5	4	0	7	0	2	4	0	3	3
9	2	7	0	1	2	2	5	0	2	4	0	0	2
10	2	2	0	5	4	1	2	2	2	1	5	4	3
11	9	9	4	1	4	3	4	0	0	4	0	2	3
12	3	0	0	5	1	0	0	4	0	3	0	2	2
13	0	1	1	2	2	2	1	3	0	6	0	2	2
14	0	0	7	4	3	3	3	1	3	2	3	2	3
15	4	4	4	7	9	5	5	7	7	3	6	1	5
16	3	5	0	7	17	4	1	0	2	0	0	2	3
17	0	0	0	2	0	3	0	1	2	0	8	3	2
18	2	0	2	3	0	8	1	0	0	0	2	0	2
19	3	5	2	7	***	0	0	2	2	4	2	7	3
20	8	3	5	0	7	2	5	6	0	7	4	10	5
21	2	0	0	2	2	3	10	2	5	8	5	5	4
22	3	7	3	6	10	8	13	2	3	0	7	3	5
23	5	5	3	7	7	9	9	14	5	5	10	4	7
24	3	2	4	0	3	2	0	2	0	0	0	2	2
25	0	5	2	3	0	2	0	0	5	0	0	0	1
26	2	0	3	7	7	2	2	0	0	0	0	0	2
27	0	0	2	11	9	0	4	0	0	5	0	0	2
28	0	0	2	3	4	9	5	7	11	3	0	2	4
29	1	11	3	0	3	0	2	7	4	3	2	2	3
30	2	5	3	3	2	3	0	2	0	6	3	0	2
31	3	2	1	2	3	0	2	1	2	0	2	2	2
MEAN	3	3	2	4	4	3	3	3	3	3	2	3	3.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29017 CHATHAM/FRID HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	0	1	1	0	3	0	0	0	0	0	0
2	2	0	6	0	0	4	2	5	7	10	0	5	3
3	7	5	2	2	***	0	0	2	2	7	2	0	3
4	5	2	2	3	0	2	1	3	0	2	2	5	2
5	3	5	2	3	4	9	2	2	6	2	0	3	3
6	5	1	1	2	4	1	3	5	5	2	3	1	3
7	0	7	0	0	0	0	2	7	6	4	4	2	3
8	2	3	2	1	4	2	2	1	5	0	1	3	2
9	7	0	1	0	4	3	0	6	2	4	0	4	3
10	6	0	6	3	2	0	4	0	2	0	4	7	3
11	4	2	12	2	***	1	3	5	1	1	4	6	4
12	5	3	2	6	0	4	5	4	4	3	2	3	3
13	3	0	2	2	1	2	2	2	0	3	1	4	2
14	2	1	0	2	0	3	2	2	4	1	0	1	2
15	2	0	2	2	1	0	1	0	0	2	0	2	1
16	0	0	7	2	0	2	0	3	3	0	1	3	2
17	0	3	2	3	2	1	1	2	1	0	3	0	2
18	2	6	7	4	0	7	4	7	3	3	5	8	5
19	7	6	5	12	12	8	7	4	5	1	1	7	6
20	8	4	5	3	2	3	6	3	5	2	2	3	4
21	6	5	7	2	3	2	4	1	4	2	2	0	3
22	4	3	2	5	2	3	6	2	3	0	2	5	3
23	2	5	3	7	***	4	4	3	2	5	4	2	4
24	2	0	0	3	2	2	6	2	3	3	3	9	3
25	3	6	5	7	9	9	6	7	6	4	6	6	6
26	6	9	12	5	10	15	5	5	6	2	5	7	7
27	2	5	2	2	7	2	1	5	5	0	4	2	3
28	3	2	1	4	1	2	3	2	2	1	3	2	2
29	0	2	0	2	4	0	0	2	2	0	1	2	1
30	3	0	2	4	2	2	1	3	0	2	0	6	2
31	2	2	4	7	2	0	2	2	3	2	2	2	3
MEAN	3	3	3	3	3	3	3	3	3	2	2	4	3.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - SEP 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	6	2	7	1	2	0	0	0	1	0	2	2
2	6	1	0	2	2	0	6	2	2	0	2	2	2	4
3	5	5	4	10	3	3	2	1	2	7	0	5	2	2
4	5	0	2	1	1	4	1	2	0	4	0	2	1	1
5	0	4	2	2	0	0	1	2	2	0	2	0	1	1
6	2	2	0	0	2	2	0	0	1	1	1	0	1	1
7	0	3	2	7	***	2	2	3	1	1	4	3	3	3
8	2	4	6	4	4	4	10	11	5	10	9	15	7	7
9	16	14	14	13	11	15	16	9	8	7	8	2	11	11
10	1	0	2	0	3	1	2	2	4	2	2	0	2	2
11	3	0	0	3	2	0	4	1	0	3	0	4	2	2
12	2	0	1	2	0	0	2	4	0	4	1	1	1	1
13	5	3	2	6	3	4	8	3	5	3	3	3	4	4
14	3	3	2	8	7	3	2	6	2	4	2	3	4	4
15	2	3	8	6	7	9	8	8	8	7	7	12	7	7
16	5	3	4	2	6	7	4	10	5	5	4	11	6	6
17	2	5	2	4	4	2	5	2	1	2	6	4	3	3
18	2	0	2	1	2	0	5	0	3	2	1	2	2	2
19	0	0	2	2	1	0	0	2	0	2	0	4	1	1
20	4	3	3	4	3	4	0	2	2	0	2	2	2	2
21	0	2	0	5	0	1	3	0	4	4	2	2	2	2
22	0	2	0	0	***	3	2	4	0	3	3	2	2	2
23	4	2	4	2	2	2	1	3	0	0	2	3	2	2
24	2	2	2	10	2	3	0	2	2	3	2	1	3	3
25	2	4	2	3	2	4	2	1	3	2	1	3	2	2
26	1	2	5	1	0	3	3	4	0	0	3	1	2	2
27	4	2	2	3	4	2	4	0	2	3	9	0	3	3
28	1	2	2	0	0	1	2	2	0	2	3	2	1	1
29	0	6	3	4	3	2	3	0	4	2	3	2	3	3
30	2	2	6	7	8	6	5	8	5	3	8	8	6	6
MEAN	3	3	3	4	3	3	4	3	2	3	3	3	3.0	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - OCT 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	10	8	5	8	8	8	12	7	5	2	6	7	7
2	5	6	8	9	8	7	5	4	5	7	9	11	7	7
3	8	6	4	7	3	2	7	2	4	2	7	7	5	5
4	11	7	11	14	10	10	7	***	3	3	7	10	8	8
5	10	9	13	19	9	0	3	3	2	5	16	2	8	8
6	4	2	0	2	0	2	2	3	2	2	4	2	2	2
7	0	4	0	5	2	2	0	2	3	1	2	2	2	2
8	4	2	2	3	3	2	3	0	4	3	2	0	2	2
9	2	0	2	2	2	1	3	0	5	2	3	2	2	2
10	0	2	3	4	1	0	3	1	0	5	4	2	2	2
11	4	4	5	2	4	5	2	4	0	5	4	3	4	4
12	10	7	7	15	9	2	5	4	2	3	5	3	6	6
13	3	2	3	2	5	0	5	5	2	0	2	0	2	2
14	3	0	0	2	1	5	2	0	2	0	2	1	2	2
15	6	3	3	2	5	3	5	2	2	3	2	3	3	3
16	0	0	0	0	3	2	0	0	0	3	0	2	1	1
17	1	1	3	0	2	0	4	0	2	0	2	0	1	1
18	0	0	3	9	0	2	2	3	0	2	1	3	2	2
19	7	3	2	5	2	5	2	3	5	5	3	2	4	4
20	2	0	2	7	5	7	7	7	3	8	3	3	5	5
21	0	3	0	6	3	3	1	3	2	2	0	0	2	2
22	3	2	0	3	5	2	2	0	2	3	2	2	2	2
23	2	2	0	4	3	1	0	4	2	10	2	3	3	3
24	4	4	3	3	4	2	5	1	3	1	4	2	3	3
25	2	3	3	3	7	3	3	3	4	2	3	4	3	3
26	2	4	2	3	0	2	6	2	2	2	2	0	2	2
27	3	2	2	3	0	2	1	3	3	0	5	4	2	2
28	2	2	0	5	0	0	4	3	1	3	5	0	2	2
29	3	4	2	3	5	2	3	2	2	8	2	2	3	3
30	3	8	2	6	3	2	5	5	7	2	5	3	4	4
31	7	2	7	2	3	3	0	2	0	0	2	***	3	3
MEAN	4	3	3	5	4	3	3	3	3	3	4	3	3.3	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	8	5	7	0	2	1	3	3	****	5	4
2	9	9	3	9	3	3	3	2	4	8	9	11	6
3	2	0	5	5	4	3	0	2	4	2	5	7	3
4	6	4	10	13	11	5	4	2	5	0	2	2	5
5	1	1	4	3	3	2	0	3	2	0	2	4	2
6	2	2	2	2	2	0	6	0	5	2	5	2	3
7	2	0	3	3	0	0	3	2	2	2	2	2	2
8	2	1	0	0	3	0	3	0	0	2	0	2	1
9	0	2	3	2	2	4	2	3	3	1	4	8	3
10	0	2	2	4	0	4	1	2	3	5	1	0	2
11	1	1	1	3	2	2	1	0	3	2	2	1	2
12	0	2	8	4	****	4	0	2	2	3	4	5	3
13	3	0	2	2	4	2	4	3	2	2	2	0	2
14	2	0	4	1	4	3	1	0	4	6	2	3	3
15	4	1	3	6	6	2	0	2	4	6	2	7	4
16	8	6	6	8	3	2	3	0	4	3	3	5	4
17	4	2	7	3	6	4	8	4	5	5	6	3	5
18	3	4	4	2	3	1	4	2	1	2	2	2	3
19	1	6	3	2	3	0	5	3	2	0	1	2	2
20	2	2	3	0	3	2	2	2	9	3	0	2	2
21	0	0	2	3	1	0	0	4	0	2	1	3	1
22	2	0	5	0	0	1	2	0	2	2	0	2	1
23	0	1	3	0	0	3	4	2	0	0	0	2	1
24	2	4	2	2	3	****	1	4	6	6	7	4	4
25	3	2	2	8	3	13	8	3	5	5	7	12	6
26	12	5	2	4	4	1	1	4	2	0	3	4	4
27	4	4	2	5	2	0	4	3	1	3	2	2	3
28	3	6	2	2	0	0	0	0	0	1	2	4	2
29	0	2	1	2	2	2	4	2	6	0	3	2	2
30	2	2	2	2	0	0	2	5	3	2	2	2	2
MEAN	3	2	3	4	3	2	3	2	3	2	3	4	2.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	5	2	0	2	3	2	2	2	4	3	2	3
2	2	3	1	3	1	2	5	2	3	2	4	0	2
3	0	2	3	4	6	5	2	1	4	2	2	3	3
4	5	4	3	0	8	5	3	3	3	6	0	2	4
5	4	0	2	0	3	4	2	4	4	2	2	4	3
6	2	3	3	5	7	****	12	20	9	7	5	6	7
7	4	1	4	2	2	0	4	4	5	0	1	3	3
8	1	1	2	0	4	9	6	8	8	6	4	2	4
9	4	2	4	5	9	5	9	6	8	6	6	9	6
10	17	19	6	8	2	4	4	7	4	6	2	1	7
11	3	3	0	4	7	2	2	3	8	5	7	5	4
12	2	4	5	4	8	4	4	4	2	0	5	2	4
13	2	6	1	2	4	4	2	1	10	3	5	7	4
14	1	3	2	6	4	0	4	2	6	0	3	5	3
15	2	4	0	5	4	7	2	1	8	6	16	19	6
16	20	19	12	13	15	15	11	15	17	13	8	4	14
17	6	9	4	6	4	2	2	0	2	2	0	4	3
18	0	3	0	1	2	1	2	2	1	3	5	2	2
19	8	10	8	8	7	4	4	5	4	10	15	12	8
20	16	12	10	4	6	1	2	1	3	0	3	4	5
21	2	0	4	2	3	****	1	2	2	7	0	3	2
22	0	5	4	2	3	2	2	1	3	5	2	2	3
23	5	2	4	4	2	2	2	4	3	2	2	0	3
24	1	4	3	2	4	3	3	2	6	0	9	3	3
25	2	2	7	4	3	2	3	6	7	2	3	2	4
26	2	0	2	4	0	2	1	2	2	2	0	0	1
27	2	2	2	1	2	2	3	1	5	5	5	5	3
28	12	1	2	3	4	1	5	3	3	4	8	6	4
29	2	4	2	4	2	2	3	2	1	4	2	2	3
30	2	6	2	3	2	3	3	0	7	3	2	5	3
31	7	3	1	2	3	2	2	2	2	2	3	1	3
MEAN	5	5	3	4	4	3	4	4	5	4	4	4	4.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	7	2.3	6	13
FEB	19	2.8	5	17
MAR	20	2.9	6	17
APR	28	2.3	8	13
MAY	30	2.7	7	12
JUN	25	3.4	9	17
JUL	31	3.0	7	17
AUG	31	3.0	7	15
SEP	30	3.0	11	16
OCT	31	3.3	8	19
NOV	30	2.8	6	13
DEC	31	4.0	14	20
YEAR	313	3.0	14	20

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	76	11	1	0	0	0	0	88
FEB	182	47	2	1	0	0	0	232
MAR	190	42	7	1	0	0	0	240
APR	292	47	5	0	0	0	0	344
MAY	289	54	11	0	0	0	0	354
JUN	204	85	11	2	0	0	0	302
JUL	284	79	6	1	0	0	0	370
AUG	280	84	5	0	0	0	0	369
SEP	287	60	9	2	0	0	0	358
OCT	276	85	7	2	0	0	0	370
NOV	296	55	6	0	0	0	0	357
DEC	262	87	12	9	0	0	0	370
YEAR	2918	736	82	18	0	0	0	3754

FREQUENCY DISTRIBUTION BY PERCENTILES

SECTION BY PERCENTILES												
PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
85.5	0	0.0	1.1	1.8	3.2	6.4	8.2	10.9	12.7	20	3.0	

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	0	0	1	2	0	2	0	1	0	3	1
2	2	5	2	2	4	5	0	3	5	4	2	4	3
3	2	0	1	2	2	4	0	1	1	3	5	2	2
4	0	0	2	3	2	0	2	4	0	0	1	0	1
5	5	0	1	4	2	1	0	0	4	0	0	3	2
6	0	4	3	7	***	2	7	4	3	9	6	5	5
7	5	2	2	2	3	5	2	1	1	0	3	0	2
8	2	0	2	5	3	2	5	2	0	2	0	2	2
9	1	4	7	5	3	2	2	2	1	3	3	4	3
10	1	1	1	0	6	0	0	1	2	4	2	7	2
11	0	6	2	7	6	6	6	5	0	4	0	3	4
12	2	2	2	3	4	4	4	4	7	8	3	4	4
13	5	3	7	5	8	4	9	8	4	2	0	4	5
14	3	2	5	2	3	1	0	2	0	1	2	1	2
15	2	3	2	3	2	3	0	2	3	10	0	7	3
16	2	2	6	3	3	3	2	0	5	1	4	2	3
17	2	2	3	0	0	3	0	4	0	4	6	0	2
18	0	3	5	6	4	8	5	1	6	5	3	7	4
19	7	4	3	5	7	4	3	5	7	2	0	2	4
20	2	0	6	4	3	3	9	3	7	2	2	6	4
21	0	2	8	11	6	0	6	2	4	0	4	2	4
22	2	4	3	5	2	2	5	3	2	5	4	4	3
23	1	6	2	5	4	10	11	0	10	3	1	6	5
24	2	0	6	4	4	2	1	8	2	3	5	15	4
25	13	14	8	12	7	0	0	3	6	14	4	3	8
26	3	5	4	10	3	5	4	6	6	-	-	-	5
27	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	4	0	0	0	2	1	1	*****
30	2	5	2	1	5	0	8	5	2	0	2	2	3
31	6	2	7	0	7	7	6	2	4	7	3	2	4
MEAN	3	3	4	4	4	3	3	3	3	4	2	4	3.3

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 8.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	0	2	3	2	5	3	7	7	0	3
2	0	2	0	2	0	4	0	8	1	2	2	7	2
3	8	7	6	0	3	3	0	4	3	0	3	9	4
4	4	6	4	4	4	0	4	0	0	0	3	7	4
5	4	2	6	2	0	2	0	2	8	0	2	7	3
6	2	8	2	5	5	0	2	8	0	7	0	3	4
7	6	5	0	2	1	2	3	0	6	2	0	5	3
8	0	5	6	4	2	0	0	1	2	0	3	0	2
9	0	6	4	7	0	6	2	9	0	0	3	2	3
10	5	3	7	3	1	2	4	11	4	2	0	3	4
11	2	5	0	5	0	3	4	0	2	0	0	3	2
12	2	0	5	8	0	0	3	2	2	7	3	4	3
13	4	4	6	3	0	0	2	0	2	5	0	0	2
14	6	2	2	0	0	7	0	2	0	2	2	2	2
15	5	2	0	2	5	0	2	0	2	0	0	1	2
16	3	0	0	2	2	5	1	4	2	7	2	2	3
17	0	0	8	0	2	2	0	1	0	3	0	3	2
18	4	0	6	2	0	2	0	4	0	7	0	4	2
19	2	2	0	0	0	2	5	4	0	2	3	0	2
20	5	3	2	3	7	0	0	0	2	5	3	4	3
21	9	0	6	7	5	2	0	0	4	0	5	2	3
22	3	0	0	0	2	1	0	3	6	4	0	0	2
23	3	0	0	2	***	0	0	0	2	2	3	0	1
24	9	6	2	3	0	5	0	0	5	2	4	9	4
25	7	6	4	2	9	2	7	3	7	2	5	3	5
26	5	2	7	7	5	5	3	9	3	0	0	3	4
27	0	3	0	5	0	0	0	0	2	5	0	5	2
28	3	5	0	5	0	0	0	7	3	3	2	6	3
29	0	1	2	2	7	5	4	1	2	2	2	0	2
MEAN	3	3	3	3	2	2	2	3	3	3	2	3	2.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	3	1	2	0	2	0	2	6	3	1	2	2
2	2	1	3	1	1	0	5	3	7	0	3	1	2
3	2	6	1	0	2	2	1	2	1	3	2	4	2
4	0	7	8	4	5	2	0	2	5	2	7	2	4
5	8	2	4	4	6	1	1	1	2	0	0	2	3
6	3	2	0	3	0	2	0	1	0	5	0	1	1
7	1	0	0	0	5	3	0	1	0	0	2	2	1
8	2	0	1	2	0	0	2	2	2	4	0	5	2
9	6	2	0	6	3	0	2	1	1	1	1	2	2
10	3	1	2	2	0	0	3	3	7	2	4	3	3
11	2	4	1	1	2	0	0	2	2	1	0	0	1
12	3	2	8	3	5	2	2	2	2	3	3	5	3
13	3	2	0	1	0	3	2	0	0	0	0	2	1
14	0	3	3	0	2	2	0	0	2	0	3	2	1
15	2	2	1	1	2	0	0	0	0	0	0	2	1
16	2	3	2	0	4	0	0	2	0	2	2	1	2
17	0	0	2	1	0	3	2	0	2	0	3	0	1
18	6	2	0	3	3	5	3	3	5	9	4	6	4
19	2	9	6	0	6	3	6	3	0	0	2	2	3
20	0	3	1	4	12	1	5	2	3	0	7	2	3
21	2	3	0	2	1	2	0	2	2	0	2	0	1
22	3	0	2	0	2	2	2	3	1	1	0	0	1
23	2	3	5	3	2	7	2	2	1	2	2	2	3
24	0	3	2	0	7	2	4	3	3	2	4	2	3
25	2	2	9	3	0	2	0	2	2	2	0	1	2
26	3	0	2	2	0	2	3	4	4	4	2	2	2
27	5	5	26	19	31	21	21	1	5	1	2	4	12
28	0	3	2	0	0	2	0	0	2	10	0	2	2
29	2	3	2	9	0	2	0	2	0	1	2	2	2
30	0	2	0	3	2	3	1	2	3	2	4	0	2
31	0	2	2	0	2	3	2	3	3	0	3	2	2
MEAN	2	3	3	3	3	3	2	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	4	2	4	2	2	0	0	0	2	0	3	2
2	2	2	0	2	0	2	2	2	0	0	2	0	1
3	2	0	3	3	2	0	2	2	0	0	1	0	1
4	0	0	3	0	0	1	2	0	2	0	2	0	1
5	0	3	2	0	3	0	0	2	2	4	7	5	2
6	0	5	2	1	0	1	0	0	4	2	3	2	2
7	2	2	5	4	6	2	7	2	3	3	0	1	3
8	1	0	2	2	2	0	0	2	1	0	4	4	2
9	0	2	1	1	3	2	7	3	0	0	5	0	2
10	2	1	5	8	5	3	4	2	1	2	4	4	3
11	3	0	0	0	0	5	0	1	2	0	2	0	1
12	0	0	3	0	0	1	1	0	2	0	2	2	1
13	2	2	5	2	0	0	4	2	2	0	7	4	3
14	3	7	3	5	2	4	2	4	3	5	3	4	4
15	2	6	5	6	0	9	7	3	2	4	2	4	4
16	4	4	3	0	2	0	3	2	3	4	4	0	2
17	3	1	3	1	5	2	0	2	3	2	1	3	2
18	1	2	3	2	2	2	0	2	2	0	3	1	2
19	1	0	2	4	1	4	0	2	2	3	0	5	2
20	0	0	4	0	2	0	4	8	5	7	4	5	3
21	2	5	8	4	3	2	9	4	3	2	8	7	5
22	7	1	2	4	10	5	6	2	2	1	2	5	4
23	5	0	0	0	0	0	2	4	0	0	0	1	1
24	0	5	0	2	0	4	2	4	0	0	0	4	2
25	2	0	0	3	0	2	4	1	17	0	0	0	2
26	0	4	2	0	0	2	4	0	0	0	2	0	1
27	0	0	0	0	4	0	2	0	0	0	4	2	1
28	3	0	4	0	3	4	0	2	0	3	0	4	2
29	0	2	0	2	7	4	1	0	0	0	0	1	1
30	4	4	2	9	7	3	0	1	4	0	0	5	3
MEAN	2	2	2	2	2	2	3	2	2	1	2	3	2.2

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	2	3	5	5	15	2	3	5	5	7	5
2	9	9	2	4	3	5	2	4	0	0	2	0	3
3	0	2	2	0	2	0	0	4	0	3	2	0	1
4	1	2	0	1	0	4	0	1	2	2	5	2	2
5	2	3	0	5	3	****	7	0	2	2	2	3	3
6	0	3	1	6	0	0	3	2	0	2	2	3	2
7	0	0	4	2	5	2	1	2	2	5	5	2	3
8	2	0	4	5	0	3	0	4	2	2	1	1	2
9	1	0	4	0	1	3	8	4	6	0	8	5	3
10	0	4	1	8	4	7	4	2	0	0	0	1	3
11	6	3	0	0	0	0	5	0	0	0	1	0	1
12	3	2	2	6	0	0	8	0	2	0	2	0	2
13	6	2	1	0	5	****	3	3	7	2	3	0	3
14	3	10	5	4	4	0	4	4	3	8	10	2	5
15	5	3	9	5	9	2	6	2	0	5	****	0	4
16	2	2	1	3	0	8	6	3	7	0	6	8	4
17	0	5	0	6	2	2	2	0	3	3	2	0	2
18	1	2	0	0	2	0	1	0	2	2	2	6	2
19	1	2	4	0	2	0	3	2	2	0	0	0	1
20	0	0	2	0	5	2	6	8	0	1	0	3	2
21	4	6	2	0	3	2	0	****	4	2	0	0	2
22	3	0	2	0	2	2	0	2	0	3	0	0	1
23	0	0	2	2	5	1	2	0	2	0	1	0	1
24	0	0	0	0	2	1	3	0	0	0	0	2	1
25	3	5	2	5	2	2	5	2	13	0	0	0	3
26	2	2	0	3	2	6	4	0	2	0	13	5	3
27	1	5	8	3	2	3	0	0	0	0	3	2	2
28	1	4	2	5	3	4	4	0	2	5	1	1	3
29	5	2	2	0	3	2	3	2	5	2	5	3	3
30	2	6	1	2	3	3	0	0	2	0	0	2	2
31	0	1	2	1	2	0	0	5	7	11	2	6	3
MEAN	2	3	2	3	3	2	3	2	3	2	3	2	2.5

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	7	0	****	1	3	0	2	0	4	7	2
2	5	7	5	2	2	1	2	0	0	0	3	5	3
3	2	7	9	3	5	0	3	2	2	2	5	3	4
4	3	3	0	3	5	0	2	0	2	1	0	2	2
5	7	2	3	2	3	2	0	0	2	2	4	5	3
6	5	2	3	4	0	1	0	3	2	1	2	0	2
7	5	0	1	0	2	0	0	2	0	2	2	5	2
8	7	3	5	3	0	3	1	0	0	2	2	3	2
9	2	3	5	4	****	3	0	3	2	2	3	2	3
10	5	0	3	5	2	2	3	0	2	2	1	2	2
11	2	3	5	4	5	2	2	0	2	2	3	2	3
12	1	0	0	0	2	0	5	0	2	1	2	3	1
13	0	0	2	2	0	5	0	2	2	2	3	2	2
14	2	3	2	6	2	5	0	0	3	2	5	5	3
15	0	5	5	3	3	2	3	0	0	5	3	1	3
16	3	3	3	3	0	5	0	2	0	0	2	2	2
17	2	1	0	2	0	0	3	2	3	3	2	3	2
18	3	3	4	0	****	3	4	0	1	2	3	2	2
19	2	2	2	3	1	1	0	1	0	0	0	3	1
20	0	0	1	0	0	0	1	0	1	2	2	2	1
21	0	1	1	2	1	0	1	0	1	0	0	2	1
22	0	0	3	2	0	1	0	2	2	2	4	2	2
23	4	5	0	4	2	1	2	2	2	2	3	4	3
24	2	4	5	3	4	5	1	1	1	2	0	0	2
25	0	0	1	0	1	2	0	2	2	2	1	0	1
26	0	1	4	2	0	2	2	2	0	0	2	2	1
27	1	1	0	0	2	0	2	3	1	0	0	2	1
28	1	2	2	0	1	2	2	0	1	2	2	0	1
29	2	1	2	1	3	3	2	0	0	1	2	3	2
30	1	1	2	1	4	****	0	2	2	1	1	0	1
MEAN	2	2	3	2	2	2	1	1	1	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29067			450 HUGHSON ST N. HAMILTON					MONTH - JUL 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	1	1	1	1	1	0	0	1	0	1	1	
2	0	1	0	0	0	0	0	0	0	0	1	1	0	
3	1	0	2	0	0	2	1	0	0	1	1	1	1	
4	0	0	2	0	2	0	2	1	0	0	1	1	1	
5	2	0	2	1	0	0	1	1	0	0	1	4	1	
6	2	2	1	3	0	0	1	1	2	2	2	4	1	
7	2	2	2	2	***	0	0	1	1	2	2	1	1	
8	1	6	6	0	0	2	6	0	2	2	2	3	3	
9	0	1	1	0	1	7	4	2	0	1	1	2	2	
10	5	3	2	3	0	2	2	2	2	2	0	1	2	
11	0	3	2	2	0	2	1	2	0	1	3	2	2	
12	2	4	0	1	0	2	0	3	0	0	2	3	1	
13	0	0	0	2	2	2	3	2	0	4	0	0	1	
14	2	0	2	0	0	2	4	1	2	1	4	3	2	
15	1	1	6	3	0	3	2	0	2	2	2	2	2	
16	2	1	3	4	2	4	1	0	0	0	0	1	2	
17	0	2	0	0	0	2	0	0	0	0	1	0	0	
18	2	6	4	0	1	2	0	5	2	2	3	5	3	
19	0	4	0	6	***	0	0	2	0	2	1	0	1	
20	3	0	0	0	2	4	2	2	2	2	7	1	2	
21	3	5	3	4	1	1	1	2	4	2	2	5	3	
22	5	0	2	3	0	0	4	5	0	0	0	0	2	
23	1	0	0	1	3	3	8	6	4	0	0	0	2	
24	0	3	1	3	0	0	7	0	2	2	3	2	2	
25	0	3	0	0	0	0	0	3	3	0	0	1	1	
26	0	0	0	0	3	0	2	0	0	0	5	2	1	
27	0	2	2	0	0	0	0	2	0	0	0	0	1	
28	2	0	3	2	2	0	4	3	0	0	2	3	2	
29	1	1	1	0	3	2	1	0	2	0	3	1	1	
30	0	0	1	0	0	0	6	1	0	0	0	0	1	
31	1	2	3	0	0	10	0	7	0	2	1	3	2	
MEAN	1	2	2	1	1	2	2	2	1	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29067				450 HUGHSON ST N. HAMILTON				MONTH - AUG 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	0	0	0	0	0	0	2	2	0	0	1
2	0	4	0	3	0	0	0	0	2	0	3	0	1
3	0	0	1	3	0	0	1	5	0	2	4	5	2
4	3	2	0	2	0	2	3	4	0	4	0	2	2
5	0	0	4	2	0	3	2	0	3	0	0	2	1
6	3	0	0	3	0	0	4	1	0	1	0	2	1
7	3	4	0	5	0	0	0	0	0	1	0	2	1
8	1	0	4	2	0	0	5	0	0	3	2	0	1
9	0	3	0	2	1	0	0	3	0	0	4	3	1
10	3	3	2	5	3	0	0	0	1	6	0	0	2
11	5	0	2	2	***	1	2	0	0	1	2	1	1
12	3	2	0	2	0	1	2	0	3	2	0	2	1
13	0	0	2	4	0	0	2	0	2	2	0	2	1
14	2	0	0	1	0	2	0	0	2	0	2	0	1
15	2	0	0	1	1	0	0	1	5	0	2	0	1
16	0	4	0	3	0	2	2	1	1	2	2	0	1
17	1	1	4	1	0	2	0	2	0	2	4	0	1
18	0	2	5	2	1	0	3	2	2	3	0	4	2
19	1	3	2	5	2	4	2	2	0	1	1	3	2
20	2	1	8	2	2	2	2	2	3	2	5	7	3
21	2	2	2	3	2	2	2	1	4	0	2	0	2
22	3	2	0	1	5	1	3	0	1	0	2	0	2
23	5	2	0	2	***	***	***	***	3	2	2	0	2
24	2	2	5	0	2	0	0	3	0	2	6	2	2
25	3	3	2	5	9	5	3	3	4	3	2	2	4
26	4	2	4	7	7	12	2	4	4	2	5	4	5
27	2	5	5	2	4	2	0	2	3	0	1	2	2
28	0	2	3	2	2	4	5	1	2	3	2	4	3
29	1	0	1	2	2	1	0	2	0	0	0	0	1
30	2	1	3	2	2	0	0	2	1	1	2	3	2
31	3	8	3	2	2	3	3	0	3	0	2	2	3
MEAN	2	2	2	3	2	2	2	1	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	6	2	3	4	2	3	2	3	3	0	1	3	
2	0	0	0	2	2	0	2	0	3	5	5	0	2	
3	3	8	3	11	10	0	2	4	2	8	4	2	5	
4	2	2	0	3	4	2	0	0	0	2	0	0	1	
5	1	0	2	3	0	3	1	1	0	0	1	0	1	
6	0	1	0	2	2	3	0	4	0	2	2	1	1	
7	2	1	0	3	***	2	3	2	2	3	2	5	2	
8	2	2	2	4	0	7	6	3	3	5	7	7	4	
9	8	8	12	6	7	7	5	0	6	2	6	0	6	
10	0	1	0	4	0	2	1	0	1	12	2	1	2	
11	2	0	0	1	1	1	4	0	2	1	1	2	1	
12	2	1	4	3	2	2	2	2	3	0	3	0	2	
13	3	5	2	1	4	6	2	1	3	4	3	3	3	
14	2	2	4	5	3	5	0	3	2	7	3	2	3	
15	4	4	7	8	8	8	2	5	3	3	5	2	5	
16	7	3	2	1	2	6	1	5	1	5	0	1	3	
17	0	3	2	3	0	5	3	3	0	9	****	****	3	
18														
19														
20														
21														
22	****	****	****	****	****	6	- DATA INVALID -	2	0	2	2	6	4	*****
23	7	2	2	4	4	4	2	0	2	3	2	3	3	3
24	2	3	5	4	5	4	0	3	2	6	0	0	3	3
25	4	6	3	1	4	3	1	1	2	4	0	0	2	3
26	2	0	1	0	5	5	0	0	5	2	1	1	2	2
27	3	4	0	4	2	6	1	4	0	4	5	0	3	3
28	2	1	1	3	8	2	0	2	6	2	0	3	3	3
29	6	2	2	5	6	3	2	0	2	3	2	3	3	3
30	2	5	7	9	3	5	8	9	2	2	2	6	5	5
MEAN	3	3	3	4	4	4	2	2	2	4	2	2	2.8	

PERCENTAGE OF DATA VALID - 84.4

PERCENTAGE OF DATA INVALID - 15.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. ".\*" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	4	6	7	4	3	3	9	2	9	2	6	5
2	8	8	6	6	11	12	6	4	2	4	12	8	7
3	8	10	8	3	2	6	6	2	0	8	5	6	5
4	4	12	8	9	7	9	3	0	1	5	1	2	5
5	8	9	11	11	11	3	3	0	4	2	11	2	6
6	0	3	2	3	7	3	4	5	3	0	0	0	3
7	0	0	2	2	3	2	2	2	3	2	3	4	2
8	0	2	0	2	5	0	3	2	4	0	5	2	2
9	0	2	0	2	0	0	1	3	0	1	7	0	1
10	3	0	4	0	0	3	0	0	2	2	3	0	1
11	3	2	3	3	3	9	2	3	2	6	2	4	4
12	11	13	11	13	9	3	3	5	3	2	11	4	7
13	0	6	3	8	3	0	4	6	0	2	3	3	3
14	2	0	0	3	0	2	2	1	2	5	3	8	2
15	3	0	5	2	3	2	4	2	3	4	2	0	3
16	2	2	3	2	0	0	0	0	3	4	0	0	1
17	0	2	2	2	2	2	0	2	3	0	0	3	2
18	3	0	6	7	0	****	0	2	0	0	0	3	2
19	1	3	1	7	3	11	6	3	7	3	2	2	4
20	2	0	7	2	5	9	5	3	9	7	3	3	5
21	2	2	2	3	3	3	0	5	0	3	0	2	2
22	3	0	3	7	5	5	2	3	2	0	2	0	3
23	1	0	2	3	2	3	0	2	4	5	5	3	3
24	4	3	5	3	7	3	1	2	2	1	0	3	3
25	0	5	0	3	5	5	0	5	2	3	2	2	3
26	3	0	3	5	0	2	0	4	0	2	2	0	2
27	0	0	3	5	0	0	0	2	0	2	7	2	2
28	3	4	3	2	****	0	7	0	3	0	2	3	2
29	3	0	5	2	0	3	3	0	4	0	11	5	3
30	0	2	3	5	4	5	9	13	5	7	7	5	5
31	4	5	0	5	7	3	2	2	0	2	2	5	3
MEAN	3	3	4	4	4	4	3	3	2	3	4	3	3.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. ".\*" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - NOV 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	6	2	5	2	5	0	4	2	5	4	7	4
2	3	11	8	13	5	7	3	4	5	2	2	5	6
3	3	0	3	7	0	0	0	2	2	5	11	7	3
4	5	3	7	7	7	5	2	2	2	9	3	2	5
5	2	0	2	3	3	2	2	0	3	0	5	0	2
6	0	2	3	4	2	2	5	0	4	2	3	7	3
7	2	2	2	0	0	2	0	5	0	0	2	0	1
8	0	1	2	2	0	2	2	2	0	2	0	3	1
9	0	2	7	9	3	11	7	7	4	13	4	9	6
10	3	3	2	3	3	0	3	0	0	7	2	5	3
11	0	3	2	3	0	0	2	0	0	7	0	0	1
12	7	4	5	5	****	2	2	0	2	5	1	4	3
13	1	2	1	8	3	0	0	2	2	0	0	2	2
14	0	2	2	0	2	1	2	0	3	2	2	6	2
15	5	8	2	8	2	7	2	2	1	9	3	7	5
16	7	10	8	8	3	2	1	6	2	4	3	6	5
17	6	4	2	8	7	8	7	12	8	7	1	3	6
18	2	6	2	4	7	0	4	0	3	1	2	1	3
19	3	3	4	5	2	3	2	0	3	2	2	0	2
20	0	3	1	2	0	2	3	0	3	0	2	1	1
21	3	0	1	1	0	0	4	0	2	1	0	2	1
22	3	0	3	4	0	4	1	3	1	3	0	2	2
23	2	0	1	1	4	1	1	0	2	5	1	2	2
24	2	2	3	2	****	1	2	1	8	2	2	2	2
25	3	2	0	15	10	8	10	13	36	5	8	9	10
26	8	7	8	16	9	3	5	5	5	2	2	5	6
27	6	18	20	18	12	0	1	2	2	2	2	2	7
28	2	0	0	0	3	0	3	0	1	0	0	2	1
29	1	2	1	2	5	0	2	2	2	3	0	3	2
30	1	1	4	2	5	2	0	2	3	1	0	5	2
MEAN	3	4	4	6	4	3	3	3	4	4	2	4	3.3

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - DEC 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	2	4	2	2	6	9	12	2	2	3	4
2	4	2	2	6	2	0	2	3	4	4	2	0	3
3	1	4	3	3	7	3	4	1	2	2	2	2	3
4	3	2	2	8	8	1	2	1	3	6	3	4	4
5	0	4	1	1	2	2	2	2	9	7	3	6	3
6	2	2	18	9	0	5	9	8	11	4	21	14	9
7	5	3	3	2	3	0	0	2	4	2	0	3	2
8	0	0	0	3	0	2	4	1	1	2	2	3	2
9	3	2	1	3	3	5	2	4	5	3	4	11	4
10	9	7	3	3	3	2	3	2	4	2	3	0	3
11	0	0	2	2	0	1	3	0	3	2	2	3	2
12	3	2	4	2	5	2	3	3	2	2	3	2	3
13	0	2	0	2	0	2	0	2	2	2	5	3	2
14	3	2	2	2	2	3	5	0	3	2	3	2	2
15	2	2	4	3	2	3	3	2	3	6	10	13	4
16	11	10	7	9	6	7	5	4	7	5	5	3	7
17	3	7	0	0	7	4	0	3	0	1	1	0	2
18	0	2	0	0	3	3	0	2	0	21	50	28	9
19	4	3	5	2	2	5	2	3	7	4	5	5	4
20	8	3	4	2	3	1	2	2	2	1	0	2	3
21	1	0	2	0	****	0	0	0	0	1	0	2	1
22	0	2	0	4	0	3	2	1	2	3	2	2	2
23	2	2	2	4	0	0	1	2	0	1	0	0	1
24	2	0	1	2	2	1	3	1	0	2	2	2	2
25	1	2	0	1	2	2	2	2	1	2	0	2	1
26	3	0	2	0	1	1	2	0	2	0	2	0	1
27	3	1	0	2	1	2	2	2	0	1	0	2	1
28	0	2	0	1	2	0	2	1	0	0	2	2	1
29	2	0	0	1	2	1	0	2	0	2	2	0	1
30	2	0	3	3	0	0	0	0	3	0	2	0	1
31	3	2	0	4	0	2	1	2	0	0	0	3	1
MEAN	3	2	2	3	2	2	2	2	3	3	4	4	2.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	3.3	8	15
FEB	29	2.7	5	11
MAR	31	2.4	12	31
APR	30	2.2	5	17
MAY	31	2.5	5	15
JUN	30	1.9	4	9
JUL	31	1.5	3	10
AUG	31	1.8	5	12
SEP	25	2.8	6	12
OCT	31	3.3	7	13
NOV	30	3.3	10	36
DEC	31	2.8	9	50
YEAR	358	2.5	12	50

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	243	89	7	0	0	0	0	339
FEB	263	83	1	0	0	0	0	347
MAR	326	40	1	1	3	1	0	372
APR	315	44	0	1	0	0	0	360
MAY	294	70	4	0	0	0	0	368
JUN	320	36	0	0	0	0	0	356
JUL	347	23	0	0	0	0	0	370
AUG	339	27	1	0	0	0	0	367
SEP	240	61	3	0	0	0	0	304
OCT	271	83	16	0	0	0	0	370
NOV	264	80	9	4	0	1	0	358
DEC	319	41	6	1	3	0	1	371
YEAR	3541	677	48	7	6	2	1	4282

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.5	0	0.0	0.3	1.5	2.6	5.3	6.9	8.9	11.0	50	2.5

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019

MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	8	2	2	2	3	0	0	6	3	3	3
2	2	2	0	2	0	2	0	1	2	2	2	2	1
3	0	0	0	2	2	6	1	2	0	0	1	2	1
4	3	3	2	0	0	1	1	0	4	2	0	3	2
5	0	2	5	2	3	****	0	5	0	4	2	4	2
6	3	8	5	0	8	0	6	2	0	3	3	7	4
7	5	2	2	0	2	2	2	2	0	3	0	2	2
8	0	5	0	5	9	7	4	0	2	0	5	5	4
9	3	5	2	0	7	3	5	2	3	4	5	0	3
10	7	5	2	3	3	3	0	0	5	7	11	9	5
11	3	0	3	4	2	0	0	0	2	4	4	0	2
12	3	1	0	0	4	4	3	2	2	3	6	2	3
13	0	4	4	7	3	5	7	0	2	0	6	4	4
14	2	0	2	3	2	2	4	0	0	2	7	4	2
15	3	4	0	3	2	4	3	2	5	2	5	0	3
16	5	0	7	2	7	2	0	2	3	3	0	3	3
17	6	3	2	0	3	4	0	0	3	8	2	0	3
18	5	0	5	0	3	2	0	3	8	11	8	2	4
19	3	2	0	2	3	0	3	0	0	3	7	0	2
20	5	3	4	2	2	2	9	0	4	5	0	3	3
21	0	7	3	0	5	2	0	2	2	2	3	0	2
22	5	0	0	2	0	0	0	0	2	0	6	2	1
23	2	0	4	1	4	7	9	2	2	0	3	0	3
24	0	0	3	0	5	0	2	5	4	3	4	3	2
25	12	4	4	4	2	0	0	4	2	0	4	4	3
26	0	0	2	1	2	0	0	1	2	1	2	2	1
27	2	0	1	5	2	0	2	0	2	5	3	7	2
28	1	2	0	2	2	8	5	4	3	5	1	2	3
29	6	1	1	3	2	2	4	2	0	3	2	0	2
30	8	0	1	3	2	1	1	2	2	0	3	0	2
31	2	2	1	2	5	0	7	2	1	6	2	2	3
MEAN	3	2	2	2	3	2	3	2	2	3	4	2	2.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019

MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	4	2	****	1	5	6	2	6	2	3
2	0	0	2	2	5	2	2	2	3	1	2	2	2
3	7	0	3	4	4	2	2	0	2	3	0	8	3
4	4	9	8	5	4	6	6	3	0	0	1	1	4
5	6	1	4	0	4	1	8	5	0	0	5	3	3
6	8	2	3	8	5	2	-	6	0	1	0	4	4
7	3	0	0	0	4	1	0	0	0	4	3	2	1
8	4	5	2	0	0	4	2	1	0	2	0	1	2
9	2	1	0	4	7	0	0	5	4	1	2	3	2
10	3	1	6	0	2	0	5	2	4	3	2	4	3
11	2	5	5	6	0	1	7	2	5	2	2	0	3
12	5	2	0	0	0	0	0	5	0	9	2	1	2
13	1	5	2	4	5	6	2	0	0	0	2	1	2
14	1	1	0	0	2	2	0	0	0	0	2	0	1
15	0	0	0	2	1	2	7	6	2	4	0	0	2
16	0	0	1	5	3	3	2	0	2	2	0	0	2
17	0	2	1	2	1	0	0	1	3	3	1	0	1
18	3	0	3	0	3	0	0	0	1	2	2	0	1
19	2	2	0	0	0	0	0	3	0	3	1	2	1
20	0	0	0	2	2	1	3	1	2	1	1	2	1
21	1	2	4	2	2	4	6	4	0	0	2	2	2
22	0	2	1	0	1	0	0	1	0	2	0	1	1
23	0	4	2	2	3	2	****	2	0	3	0	6	2
24	2	0	0	2	5	1	3	4	2	6	6	13	4
25	9	4	2	7	6	2	2	10	4	7	7	3	5
26	0	3	6	12	2	5	4	0	12	7	2	5	5
27	4	4	10	5	1	4	4	0	0	2	0	2	3
28	3	0	4	3	2	0	1	6	7	4	0	2	3
29	8	0	2	2	1	4	3	8	1	0	4	2	3
MEAN	3	2	2	3	3	2	3	3	2	3	2	2	2.4

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS, SCARBORO					MONTH - MAR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	4	4	4	0	0	5	0	4	0		
2	0	2	3	2	1	3	2	0	4	0	3	2		
3	2	3	2	0	0	2	7	4	6	4	0	2		
4	5	9	4	0	4	4	2	***	0	0	2	2		
5	0	8	2	2	0	0	4	2	1	2	1	0		
6	2	0	5	4	2	1	0	0	1	0	1	5		
7	0	0	0	2	0	5	7	7	10	3	2	2		
8	8	2	0	2	0	3	2	7	2	5	2	5		
9	2	0	2	0	0	3	6	2	2	10	4	4		
10	3	4	8	0	3	3	4	4	2	1	2	0		
11	0	2	0	4	0	2	5	2	4	7	0	1		
12	0	3	2	0	1	1	2	0	1	2	0	3		
13	0	5	0	2	3	5	11	2	1	2	0	0		
14	7	1	4	3	5	0	0	3	2	4	0	6		
15	2	0	4	2	0	1	5	4	4	3	3	0		
16	0	3	0	2	6	6	2	0	4	2	2	2		
17	6	2	3	0	5	2	1	1	2	3	0	0		
18	0	2	5	3	7	7	5	3	5	2	2	5		
19	0	3	3	2	7	2	5	8	9	2	5	2		
20	5	11	5	0	3	0	2	3	3	4	10	0		
21	2	3	0	3	7	5	0	3	0	2	0	2		
22	0	0	1	2	3	3	0	6	0	0	0	6		
23	3	4	2	1	2	0	4	5	0	0	0	3		
24	3	0	1	9	4	2	0	1	8	1	5	0		
25	3	3	9	0	6	1	6	2	0	2	2	3		
26	0	2	2	0	0	0	0	0	3	0	2	11		
27	0	3	0	2	1	4	0	0	0	0	5	0		
28	0	2	0	0	0	0	3	0	0	3	2	6		
29	0	5	5	0	3	0	7	0	0	0	3	0		
30	0	0	0	3	0	0	0	2	0	3	0	2		
31	0	7	9	1	10	0	4	3	0	2	3	3		
MEAN	2	3	3	2	3	2	3	2	3	2	2	2	2.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS, SCARBORO				MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	9	3	0	12	0	1	7	0	0	3
2	0	5	0	7	0	5	0	2	0	9	2	0	3
3	2	2	2	0	5	2	0	7	0	0	0	0	2
4	0	0	4	0	7	0	4	2	2	3	3	5	3
5	7	2	0	7	0	8	0	5	0	9	0	13	4
6	2	5	0	5	4	8	0	3	3	0	4	3	3
7	7	0	5	5	2	0	2	0	0	7	0	4	3
8	0	3	0	2	0	***	0	3	2	2	4	0	1
9	1	8	7	11	0	0	0	9	0	9	2	7	5
10	6	5	0	5	7	15	2	8	8	5	0	0	5
11	3	7	0	2	5	3	4	4	5	2	0	2	3
12	0	0	2	0	8	2	2	0	5	0	4	2	2
13	15	3	0	3	2	7	2	5	0	9	2	2	4
14	0	7	5	13	9	7	11	7	2	2	0	7	6
15	7	0	5	3	3	****	-	-	-	-	-	-	*****
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21	-	-	-	-	-	-	8	0	0	7	1	2	*****
22	2	5	0	2	3	5	0	4	2	4	0	2	2
23	0	5	0	3	0	2	0	3	0	4	0	4	2
24	0	2	0	0	0	0	0	0	2	0	4	0	1
25	2	3	5	0	0	0	0	2	0	0	3	3	2
26	0	2	0	8	0	4	4	0	1	2	5	0	2
27	0	0	3	0	3	****	2	0	0	0	3	0	1
28	5	0	5	0	2	0	5	0	4	0	2	0	2
29	5	3	0	2	8	3	5	3	5	0	5	2	3
30	9	3	5	10	8	2	0	4	0	3	0	5	4
MEAN	3	3	2	4	3	3	3	3	2	4	2	3	2.8

PERCENTAGE OF DATA VALID - 79.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 20.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO													MONTH - MAY 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	2	5	2	2	0	2	2	0	7	0	2
2	5	2	3	0	2	7	2	3	0	5	0	5	3
3	0	2	2	0	2	0	4	0	2	0	3	4	2
4	0	0	2	3	0	2	2	1	0	0	2	0	1
5	2	0	3	0	1	2	2	5	2	1	3	2	2
6	0	1	3	1	1	1	0	1	6	0	1	0	1
7	1	0	0	1	2	2	1	0	3	1	2	1	1
8	2	0	1	1	5	0	1	0	1	2	2	0	1
9	2	1	1	4	0	2	0	6	0	2	2	3	2
10	2	1	3	2	7	1	3	0	2	0	2	1	2
11	3	0	2	1	1	****	2	1	0	2	0	0	1
12	1	0	0	0	2	1	1	1	0	0	0	4	1
13	0	2	5	4	3	2	1	0	0	4	2	2	2
14	0	2	2	2	2	0	5	1	1	2	3	13	3
15	4	3	2	2	1	2	2	1	3	0	1	2	2
16	0	3	3	1	0	0	6	5	0	1	3	3	2
17	1	2	0	3	0	3	1	1	0	0	3	1	1
18	0	0	3	3	3	0	2	0	2	2	2	0	1
19	0	0	0	0	1	2	2	0	2	0	0	0	1
20	2	0	2	2	2	****	7	0	0	8	0	3	2
21	2	4	1	2	3	0	7	2	3	0	2	0	2
22	3	5	0	3	0	3	0	0	0	0	0	1	1
23	5	2	3	0	2	0	5	0	0	3	2	3	2
24	5	3	0	2	0	0	1	1	5	7	0	2	2
25	5	0	7	9	3	0	2	2	3	7	1	5	4
26	0	0	3	0	2	****	2	0	1	0	7	1	1
27	6	0	2	2	3	0	2	2	7	0	0	5	2
28	7	3	3	5	2	3	2	0	0	0	0	3	2
29	0	0	0	5	1	3	0	3	2	2	2	0	2
30	5	9	0	1	3	3	0	5	1	2	3	5	3
31	0	1	2	2	3	0	5	7	2	7	2	0	3
MEAN	2	2	2	2	2	1	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO													MONTH - JUN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	3	5	****	2	10	0	5	4	3
2	19	7	0	4	8	0	0	2	0	5	0	5	4
3	0	5	1	11	6	12	4	0	4	2	4	11	5
4	9	0	3	0	5	2	0	0	0	0	2	0	2
5	0	8	0	2	2	1	4	2	2	0	2	5	2
6	4	12	0	4	5	0	0	0	2	4	2	3	3
7	2	6	4	3	0	2	2	7	0	4	0	3	3
8	2	0	7	9	7	12	0	0	7	3	0	7	5
9	0	5	8	0	10	0	0	6	4	0	2	7	4
10	0	0	0	4	3	10	2	0	5	5	6	6	3
11	0	7	0	10	7	2	7	3	0	0	2	6	4
12	0	0	3	0	0	1	0	0	0	0	2	0	1
13	7	0	5	0	0	4	0	1	0	0	7	5	2
14	0	0	0	1	6	2	4	6	0	5	10	1	3
15	0	3	2	0	2	7	4	4	4	2	6	2	3
16	5	7	2	6	0	0	2	2	2	6	4	4	3
17	0	0	3	3	5	7	****	2	0	4	2	9	3
18	2	6	2	5	0	4	5	0	0	2	2	2	3
19	0	4	4	3	9	1	7	4	0	3	3	2	3
20	0	2	0	3	5	3	1	0	0	0	2	2	2
21	5	3	0	0	2	0	0	0	0	2	1	7	2
22	2	0	11	2	4	2	3	8	2	6	0	0	3
23	3	5	1	6	4	6	0	0	4	2	7	4	4
24	11	9	6	7	1	0	3	9	3	9	0	0	5
25	0	0	3	7	2	0	0	4	1	0	0	4	2
26	0	0	2	3	0	0	2	2	0	0	2	5	1
27	2	0	4	0	3	0	0	2	0	0	2	0	1
28	0	0	4	2	3	0	4	****	2	0	0	1	1
29	2	0	0	2	2	0	6	0	4	0	6	5	2
30	2	6	5	2	1	0	3	3	1	1	2	0	2
MEAN	3	3	3	3	4	3	2	2	2	2	3	4	2.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS, SCARBORO							MONTH - JUL 76		
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	0	0	****	-	-	-	-	-	-	*****
2	-	-	-	-	-	-	7	0	0	6	0	0	*****
3	3	0	0	6	1	2	4	0	3	0	4	0	2
4	1	0	3	0	2	0	0	3	3	0	5	2	2
5	0	0	2	3	2	3	7	0	3	2	6	10	3
6	4	9	5	3	6	0	1	1	2	0	2	3	3
7	2	2	2	8	3	7	0	4	6	2	0	6	4
8	1	7	1	5	2	0	0	2	2	0	1	0	2
9	4	2	2	2	7	4	4	0	2	0	2	2	3
10	3	3	3	9	2	3	4	1	5	0	2	2	3
11	4	4	0	2	2	3	0	6	0	1	0	3	2
12	0	5	1	4	0	0	3	0	1	0	1	2	1
13	0	2	0	4	0	****	0	2	3	2	0	0	1
14	2	2	0	6	8	6	2	2	7	0	3	1	3
15	1	8	2	2	****	4	2	0	2	4	2	1	3
16	2	4	4	4	6	6	8	0	0	5	0	2	3
17	2	2	0	0	0	2	0	2	0	2	4	3	1
18	1	1	4	0	0	0	3	3	0	1	0	3	1
19	0	3	0	3	3	3	8	3	1	2	2	4	3
20	2	8	0	10	2	1	4	5	2	4	4	4	4
21	0	4	0	5	2	2	2	0	2	0	6	1	2
22	1	4	0	3	0	2	0	2	0	0	5	2	2
23	2	0	2	2	2	3	3	5	3	4	2	3	3
24	4	4	2	0	1	0	2	2	6	0	5	2	2
25	0	3	2	0	2	0	2	0	0	0	3	4	1
26	0	0	9	0	2	0	0	2	2	0	4	0	2
27	2	2	0	4	7	6	2	2	2	3	0	6	3
28	0	0	0	7	0	2	7	0	0	4	0	0	2
29	7	2	0	3	0	****	0	21	2	2	6	1	4
30	2	2	6	0	5	2	4	0	4	0	0	0	2
31	4	0	4	1	8	0	6	0	0	0	5	3	3
MEAN	2	3	2	3	3	2	3	2	2	1	2	2	2.3

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS, SCARBORO				MONTH - AUG 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	0	6	0	0	0	5	1
2	0	3	0	1	2	0	1	1	2	0	8	2	2
3	4	2	0	0	2	0	4	0	0	3	2	2	2
4	0	0	1	0	6	0	4	0	****	3	4	7	2
5	0	6	0	0	2	0	2	0	2	2	6	2	2
6	0	2	0	0	2	0	0	1	0	2	0	0	1
7	2	0	0	0	0	1	2	2	2	0	4	2	1
8	0	1	0	0	7	0	1	0	2	0	4	2	1
9	0	7	1	0	0	2	2	0	2	2	2	4	2
10	2	2	3	2	3	1	0	2	0	3	5	3	2
11	3	6	7	0	2	2	3	2	0	2	0	3	3
12	2	2	4	6	2	2	2	6	3	2	2	6	3
13	2	2	3	0	4	4	0	2	2	2	2	3	2
14	6	1	2	0	0	1	5	1	0	2	3	0	2
15	2	2	0	2	1	2	2	0	0	1	4	2	2
16	3	2	2	2	2	4	3	2	0	0	3	0	2
17	6	2	4	7	0	6	0	0	0	3	3	1	3
18	0	0	0	0	5	2	0	0	2	2	1	3	1
19	0	3	3	2	3	3	1	2	1	2	3	5	2
20	5	6	3	9	5	4	2	3	0	5	7	5	5
21	5	6	3	3	6	2	2	1	4	4	5	7	4
22	2	5	2	2	3	5	1	3	4	2	3	1	3
23	6	3	2	2	0	4	1	3	0	1	2	2	2
24	0	3	0	0	2	****	2	0	4	0	2	2	1
25	2	7	4	3	5	1	0	0	0	2	2	0	2
26	2	6	2	4	0	7	2	4	3	2	1	5	3
27	1	8	7	4	3	2	2	2	1	3	2	0	3
28	2	2	2	3	0	0	1	0	1	0	2	1	1
29	0	0	0	2	0	0	0	3	2	2	2	2	1
30	0	1	1	4	0	2	4	0	2	0	0	2	1
31	3	0	3	5	3	0	2	2	0	2	3	0	2
MEAN	2	3	2	2	2	2	2	2	1	2	3	3	2.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS, SCARBORO					MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	-	-	-	0	2	0	2	1	2	*****	
2	1	0	0	0		2	3	0	0	0	0	0	1	
3	2	2	6	10	4	0	0	5	0	0	0	2	3	
4	0	5	4	2	2	5	0	0	2	0	2	0	2	
5	2	0	2	3	2	1	3	2	0	3	0	0	2	
6	2	3	1	2	0	0	5	0	0	0	5	3	2	
7	2	2	1	8	2	***	5	2	2	12	0	4	4	
8	2	5	8	10	4	2	6	4	4	7	1	5	5	
9	3	3	7	1	5	2	3	2	2	1	3	5	3	
10	4	0	0	6	0	2	2	2	2	2	0	0	2	
11	0	2	2	1	3	4	2	0	0	2	2	1	2	
12	0	2	1	3	1	2	4	3	1	1	4	2	2	
13	2	3	2	7	0	***	0	2	3	0	2	0	2	
14	2	0	5	3	11	0	4	6	5	2	5	5	4	
15	2	10	1	13	3	2	0	0	4	0	0	6	3	
16	0	5	3	0	5	0	6	4	2	1	4	5	3	
17	2	2	0	2	0	2	0	4	4	6	0	5	2	
18	0	2	3	0	2	4	0	0	0	1	2	3	1	
19	2	0	2	3	2	0	0	0	2	2	2	5	2	
20	2	0	2	0	2	3	3	0	2	2	3	1	2	
21	0	1	5	2	2	2	0	3	7	2	2	1	2	
22	0	2	0	0	7	0	3	0	7	0	2	4	2	
23	3	2	0	0	7	4	3	3	0	0	0	3	2	
24	3	0	2	7	1	1	2	2	2	2	0	2	2	
25	3	2	0	5	4	2	0	3	1	2	1	2	2	
26	1	0	3	0	0	2	0	1	1	0	7	0	1	
27	0	2	10	0	2	0	2	3	2	6	2	0	2	
28	2	2	2	2	0	0	8	2	0	6	3	2	2	
29	4	3	2	7	3	2	0	8	2	5	4	6	4	
30	3	0	2	5	0	1	***	0	3	0	4	6	2	
MEAN	2	2	3	4	3	2	2	2	2	2	2	3	2.3	

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS, SCARBORO					MONTH - OCT 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	10	4	2	6	5	1	1	0	4	3	3	4	4	
2	5	2	13	2	4	6	0	0	0	2	7	13	5	
3	5	3	3	5	0	1	0	0	0	4	6	3	3	
4	6	3	8	2	3	1	0	0	3	3	2	1	3	
5	4	2	2	7	5	0	5	2	7	3	2	3	4	
6	1	0	2	0	1	3	0	0	0	5	0	7	2	
7	0	2	0	4	0	3	0	3	2	5	0	0	2	
8	3	5	0	2	0	5	1	3	2	2	5	1	2	
9	2	2	0	3	0	2	0	0	0	0	0	3	1	
10	0	2	0	0	0	3	0	0	0	2	2	4	1	
11	9	3	2	2	3	0	2	0	0	2	1	0	2	
12	3	3	0	3	0	2	0	3	2	0	0	4	2	
13	9	0	3	5	9	***	0	0	3	0	0	3	3	
14	0	0	3	2	3	0	0	2	0	0	5	0	1	
15	3	3	0	0	0	2	5	0	5	1	0	0	2	
16	0	0	0	0	0	0	0	0	4	7	2	5	2	
17	0	2	0	3	1	0	3	5	0	5	5	0	2	
18	3	5	2	2	8	0	2	0	7	0	3	3	3	
19	0	3	2	2	0	2	2	2	0	0	5	0	2	
20	6	0	2	0	3	2	0	2	2	2	3	0	2	
21	5	0	3	1	2	0	3	0	2	5	2	2	2	
22	0	2	2	0	0	0	0	2	0	0	4	3	1	
23	0	2	3	5	5	5	3	0	3	4	15	3	4	
24	0	2	0	0	0	0	0	2	4	0	2	5	1	
25	2	1	0	5	0	1	2	0	1	0	0	1	1	
26	5	0	1	0	3	0	6	0	0	4	3	0	2	
27	2	0	1	2	5	0	1	4	2	0	5	1	2	
28	3	1	0	3	0	3	****	****	****	****	****	****	2	
29							- DATA INVALID -						2	
30							- DATA INVALID -						2	
31							- DATA INVALID -						2	
MEAN	3	2	2	2	2	2	1	1	2	2	3	3	2.1	

PERCENTAGE OF DATA VALID - 88.4

PERCENTAGE OF DATA INVALID - 11.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO														MONTH - NOV 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1														- DATA INVALID -	
2	****	****	****	****	****	****	0	3	2	2	5	5	*****		
3	3	4	4	2	0	5	0	9	2	2	7	3	3		
4	2	4	0	6	5	0	9	0	3	2	2	0	3		
5	2	0	3	3	0	5	4	5	3	4	3	5	3		
6	2	0	2	2	2	2	2	7	3	2	2	3	2		
7	0	2	0	3	2	2	0	2	3	2	0	0	1		
8	2	2	2	0	5	0	3	0	3	3	3	2	2		
9	2	4	3	1	2	2	1	0	7	2	6	5	3		
10	6	4	0	5	5	5	1	5	5	5	0	0	3		
11	2	1	0	0	2	0	3	0	9	0	3	3	2		
12	5	0	3	9	11	0	2	0	3	0	5	2	3		
13	0	0	0	0	2	0	0	0	2	3	6	2	1		
14	3	0	0	2	3	0	10	3	2	0	11	5	3		
15	3	0	5	9	11	7	2	0	3	7	3	5	5		
16	7	9	2	11	3	6	4	3	2	4	5	7	5		
17	7	4	13	3	7	5	3	0	3	2	5	5	5		
18	0	3	2	7	2	3	0	****	1	2	4	0	2		
19	3	3	0	1	12	2	1	1	0	0	0	3	2		
20	0	5	0	0	0	2	4	5	0	1	0	0	1		
21	6	0	5	2	0	5	3	7	4	0	0	0	3		
22	0	3	2	3	7	0	2	2	4	0	0	0	3		
23	2	3	0	0	6	2	0	1	5	1	8	0	3		
24	2	6	2	0	0	4	0	1	7	0	6	6	3		
25	1	3	0	10	8	0	0	4	7	4	2	6	3		
26	5	4	0	3	2	****	1	2	0	0	6	5	4		
27	2	2	3	0	1	0	0	0	2	0	6	2	2		
28	1	2	4	4	0	0	2	0	1	2	1	0	1		
29	0	4	2	3	3	0	2	0	2	6	2	2	2		
30	2	2	1	3	5	1	6	2	0	2	0	6	3		
MEAN	3	3	2	3	4	2	2	2	3	2	4	3	2.7		

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO														MONTH - DEC 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	3	2	4	4	1	2	0	1	3	2	4	2		
2	2	3	1	1	1	2	0	2	2	2	1	4	2		
3	10	0	7	10	10	12	3	8	3	0	2	0	5		
4	0	0	2	3	2	1	0	0	2	2	2	3	1		
5	1	3	2	2	2	2	1	3	2	6	10	10	4		
6	9	6	4	2	0	2	0	1	4	1	0	0	2		
7	9	3	0	2	0	4	2	5	4	6	3	0	3		
8	0	0	1	2	10	2	7	4	0	4	5	2	3		
9	0	0	0	3	3	4	0	3	2	0	0	2	1		
10	2	0	2	5	5	0	5	1	5	2	1	2	3		
11	2	0	0	2	0	4	2	0	3	3	2	6	2		
12	7	0	3	2	1	5	2	6	3	2	2	4	3		
13	1	4	2	0	0	0	3	2	8	16	12	2	4		
14	4	0	2	3	0	****	4	5	2	3	0	3	2		
15	3	2	5	5	4	4	2	5	5	9	9	9	5		
16	5	2	2	2	2	1	7	4	6	2	5	1	3		
17	5	3	3	5	2	3	2	2	4	0	0	2	3		
18	2	1	1	1	4	0	4	1	0	3	2	2	2		
19	0	5	6	6	6	5	4	5	9	5	8	6	5		
20	0	2	0	2	2	7	2	0	1	0	0	2	2		
21	0	0	4	2	0	0	5	0	2	2	5	0	2		
22	5	1	3	2	2	0	2	2	5	2	1	3	2		
23	0	1	2	5	5	0	0	2	2	0	0	2	2		
24	0	8	2	5	2	1	0	2	2	0	0	2	2		
25	3	2	6	9	2	3	3	7	6	4	4	4	4		
26	0	0	0	1	4	5	5	3	2	6	4	0	3		
27	3	0	3	2	2	4	1	6	0	6	2	0	2		
28	0	0	0	4	1	0	2	0	3	2	3	0	1		
29	3	2	3	2	8	6	2	2	0	5	5	0	3		
30	1	0	7	2	5	4	1	7	4	6	0	0	3		
31	1	4	2	0	0	6	1	0	4	3	2	5	2		
MEAN	3	2	2	3	3	3	2	3	3	3	3	3	2.7		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	5	12
FEB	29	2.4	5	13
MAR	31	2.4	4	11
APR	23	2.8	6	15
MAY	31	1.9	4	13
JUN	30	2.8	5	19
JUL	29	2.3	4	21
AUG	31	2.0	5	9
SEP	29	2.3	5	13
OCT	27	2.1	5	15
NOV	28	2.7	5	13
DEC	31	2.7	5	16
YEAR	350	2.4	6	21

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	302	66	3	0	0	0	0	371
FEB	283	59	3	0	0	0	0	345
MAR	304	64	3	0	0	0	0	371
APR	207	71	7	0	0	0	0	285
MAY	324	44	1	0	0	0	0	369
JUN	270	79	7	1	0	0	0	357
JUL	302	53	0	0	1	0	0	356
AUG	325	45	0	0	0	0	0	370
SEP	296	52	3	0	0	0	0	351
OCT	277	49	3	0	0	0	0	329
NOV	260	73	6	0	0	0	0	339
DEC	291	77	2	1	0	0	0	371
YEAR	3441	732	38	2	1	0	0	4214

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.9	0	0.0	0.0	1.5	2.6	5.3	6.8	8.7	10.0	21	2.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003				ELMCREST ROAD, ETOBICOKE				MONTH - JAN 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	0	2	2	1	2	2	2	0	2	5		
2	0	6	0	0	1	0	0	2	5	2	0	0		
3	2	0	0	2	2	0	2	0	1	0	3	2		
4	0	2	2	2	0	0	2	0	0	4	2	4		
5	1	0	0	0	6	2	***	1	0	2	4	2		
6	2	5	1	5	6	2	2	3	2	11	9	9		
7	2	0	1	2	6	4	0	2	0	2	0	1		
8	0	0	4	2	6	6	2	2	3	2	2	0		
9	2	2	0	4	3	4	0	2	0	1	0	1		
10	2	3	2	0	1	2	0	0	0	5	2	7		
11	7	3	2	2	2	6	6	2	3	5	2	4		
12	2	0	2	7	8	1	3	5	0	2	4	2		
13	5	3	5	9	6	***	***	7	4	5	9	5		
14	0	0	1	0	0	2	3	2	0	2	2	0		
15	4	1	2	4	2	0	3	2	4	1	12	0		
16	2	0	3	2	2	2	0	2	2	0	3	0		
17	2	6	0	3	2	0	2	1	3	3	4	2		
18	0	2	0	5	0	5	0	2	2	2	6	2		
19	5	2	5	9	5	2	7	5	4	2	2	2		
20	0	2	0	0	5	0	0	***	2	1	2	0		
21	3	2	2	4	0	8	2	0	4	2	2	2		
22	2	0	0	0	2	0	1	0	6	4	2	5		
23	5	3	0	3	5	6	7	7	3	2	7	5		
24	2	2	2	0	1	4	0	2	2	2	3	0		
25	9	2	3	7	5	3	9	2	0	4	2	4		
26	6	8	5	8	4	5	1	2	5	2	2	0		
27	3	2	2	0	2	3	1	***	3	2	8	0		
28	10	9	3	5	0	2	2	1	3	1	9	0		
29	2	6	0	7	2	0	3	1	0	2	2	0		
30	0	2	2	1	8	2	6	3	0	3	12	3		
31	6	2	4	8	7	8	0	0	6	0	4	6		
MEAN	3	2	2	3	3	3	2	2	2	2	4	3	2.6	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003				ELMCREST ROAD, ETOBICOKE				MONTH - FEB 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	6	5	3	2	7	2	2	2	1	2	
2	7	0	4	7	2	0	3	2	1	1	2	0	
3	4	0	3	0	2	2	2	2	5	0	2	0	
4	7	11	9	2	2	2	2	0	3	7	5	4	
5	2	5	2	4	3	8	2	3	3	0	5	6	
6	2	2	7	3	4	0	2	5	0	2	0	0	
7	0	4	0	3	2	2	0	0	0	0	3	2	
8	4	0	2	2	0	1	2	0	0	0	0	5	
9	0	2	4	13	7	2	2	0	2	5	2	7	
10	0	3	4	8	6	7	***	1	3	0	7	3	
11	0	0	0	3	4	3	2	2	0	0	2	8	
12	0	4	3	2	7	5	3	4	3	7	0	4	
13	2	0	3	7	1	1	2	0	0	4	2	0	
14	2	3	3	0	1	0	5	0	2	4	3	2	
15	6	7	2	2	0	4	4	5	1	2	3	0	
16	0	2	5	2	7	2	3	0	6	9	2	0	
17	2	2	6	0	3	3	0	2	0	3	0	0	
18	3	0	2	2	7	3	2	4	3	13	6	2	
19	0	2	1	3	3	0	0	3	3	0	0	2	
20	0	2	2	0	4	3	3	3	3	0	11	10	
21	4	8	9	9	0	7	2	5	6	7	7	3	
22	2	3	2	0	0	1	0	0	2	3	0	4	
23	3	0	4	0	2	0	0	3	0	3	0	2	
24	0	3	2	2	7	3	0	0	5	2	5	14	
25	19	7	8	11	5	7	0	9	0	3	3	0	
26	9	7	5	7	20	11	11	7	7	3	6	4	
27	2	5	0	2	0	3	***	7	2	8	5	0	
28	5	0	0	2	0	0	2	7	2	4	7	7	
29	0	2	2	0	2	7	0	7	2	5	5	2	
MEAN	3	3	3	3	4	3	2	3	2	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - MAR 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	3	0	0	3	0	5	0	0	5	0	2	
2	2	1	0	3	0	3	3	5	0	3	2	5	2	
3	2	3	3	2	5	0	5	7	0	2	3	7	3	
4	5	7	5	4	3	7	2	3	5	2	6	0	4	
5	7	1	12	5	13	0	....	....	....	....	....	....	....	
6							- DATA INVALID -							
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11	5	8	7	3	0	2	1	2	2	2	4	5	3	
12	5	2	2	0	0	2	1	6	3	2	2	6	3	
13	3	3	6	2	7	3	1	0	0	0	6	0	3	
14	2	3	0	3	2	2	0	3	2	5	0	0	2	
15	7	7	3	0	5	2	4	0	1	0	2	9	3	
16	3	3	1	3	2	5	2	4	2	4	4	7	3	
17	0	2	2	2	2	0	3	....	6	17	6	3	4	
18	0	0	4	4	7	10	2	4	1	2	3	0	3	
19	4	2	3	6	0	1	3	2	4	0	3	0	2	
20	3	0	6	6	7	0	5	3	0	5	3	2	3	
21	0	0	0	2	2	0	4	4	2	9	3	1	2	
22	0	3	3	2	2	3	0	2	3	4	0	2	2	
23	0	3	5	0	8	0	....	0	0	1	2	5	2	
24	0	2	2	5	0	1	1	1	1	0	2	1	1	
25	3	4	0	0	2	3	0	0	3	2	2	5	2	
26	4	8	8	9	2	3	0	2	3	5	2	10	5	
27	7	12	7	2	3	2	2	0	2	6	5	9	3	
28	5	1	2	6	8	6	0	3	2	2	2	2	5	
29	4	5	1	0	2	1	2	2	2	3	1	1	2	
30	2	0	2	2	0	1	1	5	3	3	9	2	3	
31	6	0	0	3	2	1	2	5	7	3	4	5	3	
MEAN	3	3	3	3	3	2	2	3	2	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 81.7

PERCENTAGE OF DATA INVALID - 37.6

PERCENTAGE OF DATA UNAVAILABLE --19.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - APR 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	0	0	2	2	0	0	0	4	0	0	0	1	
2	1	0	8	2	2	8	....	2	2	19	3	7	5	
3	2	1	0	2	2	0	2	2	0	0	2	2	1	
4	0	0	0	0	0	3	1	2	0	4	6	9	2	
5	3	6	9	6	7	2	2	2	1	0	2	10	4	
6	19	6	3	1	2	2	1	2	2	0	2	0	3	
7	0	2	2	3	1	3	0	1	0	0	2	2	1	
8	0	0	1	4	2	1	0	1	2	2	1	2	1	
9	0	2	0	1	0	0	0	3	3	2	6	2	2	
10	3	4	5	2	2	0	2	1	0	1	1	2	2	
11	3	2	3	0	1	0	0	1	0	1	4	2	1	
12	2	1	3	2	3	1	1	4	0	7	0	0	2	
13	7	8	3	2	8	6	2	2	3	3	2	5	4	
14	5	6	8	9	2	3	3	5	2	3	2	5	4	
15	4	2	3	2	2	2	2	3	6	5	2	3	3	
16	2	3	0	1	0	0	4	1	0	0	6	2	2	
17	2	1	2	3	0	3	2	0	0	0	0	1	1	
18	7	0	2	2	5	0	0	1	2	1	0	5	2	
19	5	5	0	3	2	1	3	0	4	2	0	1	2	
20	1	2	1	0	2	2	3	0	3	4	4	0	2	
21	2	2	7	0	3	0	3	6	10	6	3	4	4	
22	2	3	2	8	3	0	2	2	0	0	2	0	2	
23	3	4	5	5	0	2	0	3	3	3	2	3	3	
24	1	0	1	1	0	3	1	2	0	4	0	0	1	
25	0	2	0	1	0	0	1	2	3	2	0	1	1	
26	1	0	0	2	0	0	0	0	2	0	3	4	1	
27	0	4	4	2	3	1	0	2	0	2	3	2	2	
28	0	0	2	1	0	0	4	1	1	2	3	0	1	
29	0	1	0	2	2	1	2	0	2	0	2	4	1	
30	3	5	5	6	2	....	0	2	0	3	3	4	3	
MEAN	3	2	3	3	2	2	1	2	2	3	2	3	2.2	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	8	3	3	9	2	5	0	4	2	3	2	3
2	3	5	2	0	2	3	3	4	0	0	2	0	2
3	0	0	2	7	2	7	3	1	0	2	0	3	2
4	5	0	0	5	3	2	0	0	2	1	2	5	2
5	0	2	0	0	2	5	0	2	5	3	0	3	2
6	0	3	3	4	3	2	2	7	2	4	2	0	2
7	2	0	0	0	2	4	***	9	0	2	3	0	2
8	0	2	1	2	2	0	3	0	0	0	0	2	1
9	5	0	3	3	2	0	0	0	0	3	0	5	2
10	7	7	9	16	9	2	8	5	0	2	2	0	6
11	7	0	2	0	3	0	6	2	0	3	0	0	2
12	2	3	0	0	0	0	0	5	0	2	0	0	1
13	5	0	3	2	3	5	3	2	3	0	0	2	5
14	3	7	7	3	12	7	***	0	3	0	7	4	2
15	3	2	2	2	4	3	5	1	9	3	8	3	4
16	0	2	2	2	3	2	2	2	8	0	5	8	3
17	9	0	0	6	0	0	0	3	3	0	3	0	2
18	0	1	0	1	2	0	0	0	1	2	0	2	1
19	3	0	5	3	0	3	2	6	3	1	0	0	2
20	0	0	2	2	1	5	4	2	0	2	5	4	2
21	4	0	0	0	0	***	0	2	3	6	3	5	2
22	0	2	2	2	0	3	0	0	0	2	0	0	1
23	2	0	0	0	0	0	0	0	0	2	0	0	2
24	0	0	5	1	3	0	5	0	0	2	2	0	1
25	6	2	2	5	6	1	2	2	0	3	1	1	2
26	4	0	2	7	0	3	2	6	0	2	0	0	3
27	6	1	4	9	1	2	4	8	4	3	0	2	4
28	3	9	10	11	2	6	***	2	2	3	5	7	5
29	1	0	7	5	1	2	2	3	2	2	5	1	3
30	0	0	2	1	2	2	2	1	2	3	0	1	1
31	2	4	6	3	8	5	5	1	5	2	3	5	4
MEAN	3	2	3	3	3	3	2	2	2	2	2	2	2.5

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	2	2	8	3	1	4	3	9	3
2	5	2	0	8	2	1	0	2	3	1	1	9	3
3	2	2	3	9	0	0	7	3	6	0	3	10	4
4	3	0	8	8	0	3	***	2	0	0	3	0	2
5	2	6	2	8	2	0	0	2	0	5	3	6	3
6	2	2	5	3	2	1	0	4	6	0	3	3	3
7	0	2	4	3	4	4	0	2	2	2	2	5	3
8	8	8	13	10	0	4	3	2	6	5	8	10	6
9	4	4	5	9	12	3	3	2	7	3	3	7	5
10	7	10	2	9	2	5	0	2	4	6	3	1	4
11	4	0	4	7	1	0	***	0	2	0	1	2	2
12	0	0	0	3	4	0	0	2	2	0	0	2	1
13	0	0	0	3	4	3	2	3	2	0	3	5	2
14	8	2	3	12	6	6	6	8	0	5	3	3	5
15	10	4	4	8	2	2	2	0	2	2	2	5	4
16	2	2	2	1	2	4	0	1	2	4	1	0	2
17	2	3	4	2	3	0	0	6	0	4	0	9	3
18	4	4	4	7	2	***	3	2	4	2	3	6	4
19	1	2	2	2	3	0	2	2	4	0	0	0	2
20	0	6	1	2	1	0	1	0	0	1	3	0	1
21	0	2	0	4	0	0	1	3	4	0	1	2	1
22	1	2	8	6	6	2	2	2	1	5	2	3	3
23	7	4	9	7	5	4	4	2	2	4	0	3	4
24	4	6	0	8	6	8	5	4	1	5	2	2	4
25	3	0	1	1	0	0	***	1	2	2	0	1	1
26	3	2	0	0	0	0	0	2	5	2	1	0	1
27	1	2	1	0	0	1	2	5	3	2	0	3	2
28	1	1	2	2	0	4	2	1	1	3	2	0	2
29	1	2	3	5	3	1	2	4	1	1	2	2	2
30	2	3	4	2	1	1	0	1	2	0	1	2	2
MEAN	3	3	3	5	3	2	2	2	3	2	2	4	2.8

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - JUL 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	2	2	0	3	0	0	0	5	1	2	2
2	2	2	0	3	0	2	0	0	0	0	1	2	1	1
3	0	3	4	0	1	0	3	0	3	0	0	0	1	1
4	2	2	2	2	2	2	2	0	0	1	2	0	1	1
5	3	2	0	6	5	0	0	3	0	0	2	3	2	2
6	2	2	3	2	2	***	3	4	2	2	8	7	3	3
7	8	2	7	7	8	5	5	2	0	4	6	3	5	5
8	2	2	0	6	1	0	2	0	2	0	2	2	2	2
9	3	0	4	5	0	0	0	2	2	2	2	1	2	2
10	4	1	0	3	5	9	0	3	3	0	5	6	3	3
11	7	2	0	2	5	0	2	0	0	0	0	2	2	2
12	2	0	0	4	0	2	0	1	2	6	0	1	2	2
13	2	2	2	0	0	0	***	3	0	3	0	2	1	1
14	4	0	5	5	2	0	5	0	4	2	2	2	3	3
15	0	5	5	4	2	2	2	4	5	3	2	5	3	3
16	6	4	3	6	2	5	0	0	0	0	0	2	2	2
17	2	0	2	0	2	0	0	1	0	2	0	3	1	1
18	2	3	3	3	0	2	0	2	0	5	0	2	2	2
19	2	5	5	2	2	3	1	3	2	5	2	3	3	3
20	5	3	3	5	2	2	***	11	3	0	3	2	4	4
21	3	2	2	2	6	2	0	4	3	2	0	3	2	2
22	0	3	0	2	0	2	0	0	3	0	0	5	1	1
23	2	3	3	6	5	3	7	11	4	5	5	7	5	5
24	2	0	2	2	2	3	0	2	1	2	2	0	2	2
25	2	2	2	2	0	6	1	3	2	0	0	5	2	2
26	3	0	0	0	6	0	0	3	0	3	3	3	2	2
27	2	5	5	0	0	0	***	0	2	3	6	2	2	2
28	3	2	5	0	3	2	0	0	3	2	3	0	2	2
29	3	3	3	2	2	3	2	5	2	0	5	2	3	3
30	3	3	1	5	3	6	2	2	7	2	2	5	3	3
31	6	2	5	2	4	1	2	6	2	0	2	1	3	3
MEAN	3	2	3	3	2	2	2	2	2	2	2	3	2.3	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - AUG 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	0	0	0	3	0	0	0	0	3	3	1	
2	0	3	0	0	0	0	0	0	0	5	2	3	1	
3	7	3	3	5	0	2	0	2	3	4	0	0	2	
4	0	0	2	5	3	4	2	2	0	2	3	7	3	
5	2	0	4	6	7	0	3	2	2	3	2	0	3	
6	3	0	2	2	0	2	3	2	0	3	4	2	2	
7	4	2	2	4	0	3	0	2	2	0	2	0	2	
8	1	3	0	2	3	0	2	0	0	0	2	4	1	
9	0	3	2	5	2	3	2	0	1	3	6	2	2	
10	2	0	7	6	1	0	0	0	2	3	5	8	3	
11	1	4	9	9	5	6	5	2	3	2	6	13	5	
12	2	9	2	10	8	5	3	7	5	6	2	4	5	
13	2	0	6	2	0	2	2	2	3	2	5	7	3	
14	2	0	2	0	0	0	3	2	2	2	0	2	1	
15	2	1	4	3	0	0	2	2	4	5	3	0	2	
16	0	5	2	5	0	0	3	0	4	5	0	2	2	
17	0	3	5	4	3	2	1	***	1	3	6	3	3	
18	2	2	1	3	3	5	7	0	2	7	3	10	4	
19	7	10	8	20	16	2	9	0	9	2	3	8	8	
20	6	9	13	9	10	2	5	2	6	10	3	5	7	
21	7	6	11	5	7	0	0	9	3	3	9	4	5	
22	2	10	3	5	6	0	5	3	0	5	7	2	4	
23	3	6	0	9	3	0	2	0	0	3	4	4	3	
24	2	2	4	0	3	3	***	7	0	5	2	9	3	
25	8	11	7	11	13	2	7	0	5	0	10	3	6	
26	10	13	8	18	7	8	0	11	5	7	9	7	9	
27	6	9	3	3	9	3	3	4	0	3	0	4	4	
28	6	2	5	0	4	0	4	4	0	2	2	3	3	
29	4	0	3	0	0	0	0	1	6	0	2	0	1	
30	0	3	0	2	0	0	3	0	2	5	0	4	2	
31	5	2	9	13	2	***	3	2	3	2	5	3	4	
MEAN	3	4	4	5	4	2	3	2	2	3	4	4	3.4	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	4	7	7	0	4	0	1	0	1	2	3
2	6	2	0	8	3	1	0	1	0	2	8	5	3
3	8	2	13	2	1	2	2	3	4	7	3	3	4
4	2	3	6	4	3	0	1	1	4	2	7	2	3
5	0	0	2	0	0	0	0	3	2	0	0	0	1
6	3	2	0	0	3	2	0	2	3	0	2	2	2
7	0	4	3	4	0	0	2	3	0	3	0	6	2
8	8	7	2	9	8	2	***	7	8	3	4	10	7
9	10	12	15	13	8	6	14	6	8	10	8	6	10
10	0	1	3	1	3	0	3	1	1	0	5	3	2
11	0	0	0	1	4	1	0	1	1	4	1	0	1
12	4	2	0	1	0	4	2	0	2	3	0	5	2
13	2	0	7	12	4	2	1	0	3	0	0	3	3
14	8	3	5	11	10	9	0	5	1	2	0	8	5
15	7	6	8	17	8	5	7	1	5	4	7	4	7
16	1	5	1	6	5	6	7	3	3	0	5	4	4
17	6	2	2	6	6	0	3	4	2	2	2	2	3
18	6	1	0	0	4	2	2	5	1	4	0	2	2
19	1	3	1	3	0	0	0	0	0	2	2	3	1
20	3	5	9	9	10	6	0	1	2	6	4	0	5
21	0	4	4	6	5	0	****	2	7	0	4	2	3
22	0	1	2	0	2	0	0	2	0	2	2	0	1
23	0	2	2	2	0	2	3	1	0	1	0	0	1
24	3	0	2	6	2	2	2	1	0	5	2	0	2
25	3	3	2	0	6	4	1	2	2	2	3	2	3
26	4	0	0	1	2	4	3	2	2	2	0	2	2
27	3	6	0	3	1	1	8	2	8	0	2	3	3
28	9	0	0	4	0	0	***	2	2	5	2	1	2
29	2	4	0	1	6	2	0	0	3	1	7	5	3
30	4	4	6	27	4	5	2	0	5	6	9	6	7
MEAN	4	3	3	5	4	2	2	2	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	11	10	4	4	13	5	2	3	4	1	2	7	6
2	6	0	6	8	7	9	4	2	1	5	5	4	5
3	2	2	3	0	9	0	2	2	7	6	8	4	4
4	4	10	6	12	11	0	2	0	3	4	8	11	6
5	8	10	12	14	4	4	4	7	11	3	6	5	7
6	0	9	3	11	4	5	6	3	0	2	3	2	4
7	2	0	2	0	2	3	2	0	0	2	1	0	1
8	2	0	2	3	2	4	0	3	3	0	2	3	2
9	0	0	0	5	0	1	0	0	3	2	2	0	1
10	0	0	2	0	2	0	2	0	2	4	0	0	1
11	0	3	0	0	4	2	2	2	3	5	8	2	3
12	8	10	13	9	3	5	3	5	2	4	4	2	6
13	8	7	10	5	2	4	0	2	2	3	6	2	4
14	2	0	0	0	3	0	0	2	0	2	3	3	1
15	2	0	2	2	0	0	2	***	***	***	***	***	*****
16													
17													
18													
19	****	****	****	****	****	****	****	2	2	3	2	2	*****
20	6	2	1	10	7	5	6	4	11	6	1	2	5
21	7	2	8	11	****	0	0	1	6	0	0	0	3
22	0	0	0	2	5	0	3	0	9	2	2	3	2
23	3	0	0	3	3	4	3	2	4	7	7	5	3
24	6	5	3	1	6	2	4	4	8	3	2	2	4
25	2	2	2	0	2	5	0	3	5	3	2	2	2
26	5	5	5	11	9	3	****	0	17	0	6	3	6
27	6	0	0	5	5	7	5	0	1	3	0	0	3
28	0	5	0	3	2	0	3	3	7	0	7	5	3
29	4	4	3	9	1	13	0	11	0	3	5	7	5
30	9	0	11	0	9	4	7	9	2	13	2	8	6
31	7	3	13	0	3	0	2	3	0	2	13	6	4
MEAN	4	3	4	5	5	3	2	3	4	3	4	3	3.7

PERCENTAGE OF DATA VALID - 86.6

PERCENTAGE OF DATA INVALID - 13.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - NOV 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	6	7	0	7	0	1	13	0	7	8	4
2	2	9	3	2	13	0	***	6	2	7	8	2	5
3	4	0	5	8	9	10	0	0	2	4	4	9	5
4	17	12	1	3	16	13	3	2	3	2	0	4	6
5	5	0	7	2	0	4	4	0	6	4	0	4	3
6	2	0	0	3	3	0	0	10	0	2	4	2	2
7	0	1	0	2	4	2	0	3	0	5	1	0	2
8	0	4	3	2	5	2	3	3	0	2	5	2	3
9	0	1	1	12	0	0	***	5	6	5	6	6	4
10	0	8	7	2	2	0	4	2	0	1	0	0	2
11	0	0	4	4	0	3	2	0	0	2	0	2	1
12	3	0	0	6	4	0	0	2	0	1	8	6	3
13							- DATA UNAVAILABLE -						
14	2	1	0	0	0	4	3	2	5	0	2	3	2
15	2	10	6	4	6	6	0	0	0	1	9	8	4
16	1	0	7	6	5	3	***	0	0	0	2	2	2
17	4	0	0	2	0	3	***	0	2	3	2	5	2
18	4	6	3	7	4	5	3	2	6	2	5	6	4
19	3	2	5	7	0	0	2	7	1	0	6	4	3
20	7	0	0	3	6	3	6	2	1	2	5	4	3
21	0	2	0	1	2	0	0	6	0	6	0	4	2
22	0	0	1	1	3	0	1	0	0	1	0	7	1
23	2	2	6	1	4	0	***	3	9	0	2	4	3
24	0	2	9	1	6	2	5	6	8	3	3	8	4
25	7	6	3	4	5	8	0	2	0	4	1	3	4
26	2	8	8	4	2	2	2	4	0	2	2	3	3
27	8	12	4	2	7	1	5	2	0	2	2	0	4
28	8	1	3	0	4	0	2	0	2	1	2	4	2
29	0	5	3	7	4	6	3	2	1	6	0	6	4
30	0	0	0	0	0	0	***	1	0	1	0	0	0
MEAN	3	3	3	4	4	3	2	3	2	2	3	4	3.0

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - DEC 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	5	2	8	6	1	10	6	1	2	9	5
2	0	0	0	0	0	0	1	1	2	2	0	4	1
3	0	2	2	4	0	1	7	4	0	0	0	0	2
4	0	1	2	0	0	2	0	10	3	0	2	1	2
5	2	4	0	6	1	0	3	3	0	2	2	4	2
6	0	0	5	0	2	2	0	2	0	1	0	0	1
7	6	2	8	0	2	0	4	0	2	3	0	0	2
8	2	8	0	0	2	2	***	9	4	2	0	0	3
9	3	0	0	4	3	3	13	6	0	12	5	1	4
10	2	0	0	8	9	7	2	2	9	2	8	2	4
11	4	0	4	2	0	2	0	3	0	6	2	2	2
12	2	3	3	0	10	7	3	2	4	0	0	10	4
13	0	0	3	0	0	2	0	0	5	0	4	2	1
14	4	1	1	2	0	0	***	***	-	-	-	-	*****
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21	-	-	-	-	-	-	-	2	3	4	3	0	*****
22	3	1	2	2	0	2	0	4	0	3	1	2	2
23	0	2	3	4	1	0	6	0	6	2	9	14	4
24	6	4	2	2	0	2	0	0	0	7	8	3	3
25	3	3	5	2	0	0	4	4	0	2	3	2	2
26	0	0	3	0	2	2	0	4	5	1	3	0	2
27	0	0	3	2	2	5	0	3	1	2	3	3	2
28	5	1	2	1	0	2	2	2	1	7	6	2	3
29	11	6	2	4	7	2	2	0	0	3	0	1	3
30	4	2	3	4	4	0	***	10	5	2	8	14	5
31	14	3	2	0	0	0	4	1	0	7	2	2	3
MEAN	3	2	3	2	2	2	2	3	2	3	3	3	2.6

PERCENTAGE OF DATA VALID 76.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 22.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	6	12
FEB	29	3.1	8	20
MAR	25	2.9	5	17
APR	30	2.2	5	19
MAY	31	2.5	6	16
JUN	30	2.8	6	13
JUL	31	2.3	5	11
AUG	31	3.4	9	20
SEP	30	3.1	10	27
OCT	26	3.7	7	17
NOV	29	3.0	6	17
DEC	23	2.6	5	14
YEAR	346	2.8	10	27

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	289	75	3	0	0	0	0	367
FEB	259	76	9	2	0	0	0	346
MAR	230	70	3	1	0	0	0	304
APR	313	43	0	2	0	0	0	358
MAY	296	68	3	1	0	0	0	368
JUN	286	67	3	0	0	0	0	356
JUL	305	61	2	0	0	0	0	368
AUG	264	93	9	3	0	0	0	369
SEP	266	82	7	1	1	0	0	357
OCT	220	82	19	1	0	0	0	322
NOV	252	82	6	2	0	0	0	342
DEC	235	44	6	0	0	0	0	285
YEAR	3215	843	70	13	1	0	0	4142

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.3	0	0.0	0.5	1.7	3.0	6.3	8.0	10.0	12.0	27	2.8

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JAN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	6	5	0	6	0	4	6	4	3	3
2	4	6	0	2	2	0	4	0	6	0	2	7	3
3	0	0	2	7	2	2	5	0	1	0	0	1	2
4	0	7	1	0	0	6	0	0	0	0	4	0	2
5	2	5	4	2	11	****	0	6	3	8	4	5	5
6	8	12	4	3	12	2	7	2	3	10	7	9	7
7	10	6	6	0	4	3	2	2	3	0	5	3	4
8	0	3	0	0	6	3	0	0	2	3	5	0	2
9	3	2	3	4	1	4	0	3	0	3	2	0	2
10	0	3	2	5	6	1	0	0	3	3	0	5	2
11	4	4	1	4	8	0	2	0	0	1	8	0	3
12	2	0	1	4	5	5	3	4	4	2	3	0	3
13	9	2	12	5	17	****	10	6	8	2	3	0	3
14							- DATA INVALID -				****	****	9
15							- DATA INVALID -						
16							- DATA INVALID -						
17							- DATA INVALID -						
18							- DATA INVALID -						
19							- DATA INVALID -						
20	****	****	****	****	****	****	14	2	4	0	1	4	*****
21	2	11	3	3	2	7	2	****	0	1	2	0	3
22	0	2	2	4	0	0	5	9	2	2	2	7	3
23	3	1	0	2	4	11	11	8	5	4	4	4	5
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	3	4	3	3	5	3	4	3	3	3	3	3	3.4

PERCENTAGE OF DATA VALID - 51.9

PERCENTAGE OF DATA INVALID - 80.4

PERCENTAGE OF DATA UNAVAILABLE --32.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - FEB 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA INVALID -						
2							- DATA INVALID -						
3	****	****	****	****	****	****	****	****	2	4	5	12	*****
4	16	7	6	0	5	2	1	3	2	0	2	4	4
5	7	4	2	6	7	9	7	4	9	4	9	2	6
6	6	0	6	0	7	0	5	0	2	4	2	2	3
7	0	5	2	4	4	4	2	2	2	8	6	4	4
8	2	2	1	4	0	0	2	0	3	2	0	0	1
9	0	2	2	3	2	4	0	0	0	2	8	4	2
10	3	5	4	1	8	2	6	****	6	4	5	3	4
11	5	2	2	0	8	5	0	2	1	0	0	0	2
12	0	1	0	4	8	2	5	15	3	5	2	0	2
13	2	0	1	5	3	0	6	0	0	7	0	0	4
14	1	2	0	1	3	2	0	0	4	5	1	4	2
15	4	2	3	0	2	0	2	0	3	9	0	4	2
16	0	2	0	0	0	2	5	0	2	2	2	2	2
17	0	5	2	4	2	0	2	5	0	2	2	2	2
18	2	5	2	3	4	6	7	7	0	2	2	3	2
19	0	0	0	0	7	0	5	4	7	1	2	2	4
20	0	0	0	0	0	0	2	0	0	0	2	0	1
21	5	13	6	2	11	6	2	3	6	11	7	2	6
22	2	2	2	3	4	1	0	2	4	0	0	4	1
23	0	0	2	2	2	2	0	0	2	2	2	0	2
24	2	1	0	3	1	2	0	0	0	4	6	21	3
25	12	17	15	14	7	0	2	4	2	2	2	4	7
26	4	11	14	23	14	5	6	12	8	2	6	6	9
27	1	0	7	7	0	0	****	2	7	5	2	3	3
28	4	3	2	2	0	2	0	1	2	1	2	0	2
29	1	1	3	3	7	2	3	2	4	0	2	0	2
MEAN	3	4	3	4	4	2	3	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 90.2

PERCENTAGE OF DATA INVALID - 16.7

PERCENTAGE OF DATA UNAVAILABLE - -6.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005

QUEENSWAY HOSPITAL ETOBICOKE

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	5	2	9	3	3	2	0	3	2	3
2	2	5	2	2	6	2	4	4	1	1	3	2	3
3	0	2	5	4	6	7	7	9	6	5	5	5	5
4	4	7	7	10	6	5	7	7	7	7	3	2	6
5	1	2	5	15	12	***	3	4	0	2	0	0	4
6	0	3	0	5	0	3	3	0	2	2	0	3	2
7	2	2	1	0	1	0	0	0	0	7	0	7	2
8	0	0	0	0	4	1	0	0	0	0	2	4	1
9	19	3	9	8	7	2	5	0	7	7	7	0	6
10	6	2	2	0	16	4	7	3	7	9	2	0	5
11	0	2	0	7	2	5	0	3	3	0	3	7	3
12	13	0	5	2	0	0	0	5	2	0	5	0	3
13	2	0	0	0	2	0	2	0	1	0	0	0	1
14	5	0	4	3	0	3	1	0	3	0	0	0	2
15	0	0	0	2	0	5	***	8	0	7	4	2	3
16	7	0	3	2	7	2	5	0	0	0	2	2	3
17	0	3	0	0	2	0	2	0	0	0	2	3	1
18	2	0	3	5	8	4	5	0	2	0	3	3	3
19	5	5	9	13	3	5	1	3	3	0	2	13	5
20	3	3	9	9	5	5	5	5	2	2	0	0	4
21	0	0	5	0	3	2	1	0	0	1	0	0	1
22	2	2	6	0	3	5	2	4	4	1	4	9	4
23	3	0	5	5	4	3	1	***	2	0	6	5	3
24	6	11	2	7	4	4	0	1	5	2	2	2	4
25	5	5	0	7	4	4	5	1	0	2	2	6	3
26	6	0	4	4	2	5	0	2	2	1	6	15	4
27	10	8	8	4	0	2	1	0	0	0	1	0	3
28	3	2	2	1	4	0	3	2	0	3	1	5	2
29	5	3	0	2	6	0	3	5	3	7	0	2	3
30	1	1	0	2	6	0	***	***	***	***	***	***	***
31	****	****	****	****	****	****	****	****	0	0	3	2	*****
MEAN	4	2	3	4	4	3	3	3	2	2	2	3	3.0

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005

QUEENSWAY HOSPITAL ETOBICOKE

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	0	3	1	1	3	2	2	0	2	1
2	2	0	2	0	6	0	3	0	5	0	2	5	2
3	0	0	2	0	0	0	0	2	1	0	2	1	1
4	5	0	2	1	1	1	0	2	1	2	1	0	1
5	0	0	0	1	5	0	0	3	0	3	6	2	2
6	1	0	1	0	2	0	0	0	2	0	3	7	1
7	0	0	1	0	3	2	0	***	3	2	0	3	1
8	0	2	2	0	2	0	3	0	5	0	0	0	1
9	3	0	0	0	6	2	3	3	3	0	0	11	3
10	2	5	4	4	5	2	2	0	4	5	3	4	3
11	0	2	0	3	0	5	0	2	0	2	0	4	2
12	0	7	0	7	0	2	0	2	0	3	0	2	2
13	0	3	0	3	0	5	0	6	0	3	3	3	2
14	9	6	16	8	7	3	7	2	9	1	8	5	7
15	13	5	11	9	2	5	0	9	1	5	3	4	6
16	4	2	5	2	9	2	3	3	2	3	0	6	3
17	2	3	1	2	7	0	11	0	2	5	0	7	3
18	9	5	11	5	9	3	0	5	0	5	4	6	5
19	13	1	5	1	0	5	0	0	3	2	1	7	3
20	0	4	6	0	5	0	0	6	2	2	15	0	3
21	6	7	4	0	11	0	***	3	4	10	8	8	6
22	0	7	7	4	0	0	4	0	2	2	3	2	3
23	2	0	2	2	2	0	0	2	0	2	3	0	1
24	3	3	3	5	4	0	3	2	2	2	3	5	3
25	5	2	5	0	2	0	6	2	6	0	0	0	2
26	0	2	5	0	5	0	0	0	2	2	2	1	2
27	4	0	3	3	0	3	0	3	0	0	5	0	2
28	0	0	0	0	2	0	5	2	0	0	3	0	1
29	2	1	0	5	3	2	6	2	0	3	3	5	3
30	5	4	5	5	5	***	1	2	2	2	0	2	3
MEAN	3	2	3	2	4	1	2	2	2	2	3	3	2.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - MAY 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	5	8	8	7	2	4	4	2	7	3	4	5
2	7	4	7	4	3	3	0	3	0	2	4	2	3
3	3	2	3	5	0	3	0	0	1	2	0	2	2
4	0	0	0	1	0	0	5	0	2	0	1	0	1
5	4	5	3	2	2	0	5	2	0	3	3	0	2
6	0	2	0	2	6	3	2	2	5	5	5	2	3
7	0	2	5	2	2	6	***	7	2	2	0	2	3
8	2	2	0	1	0	2	5	1	2	3	1	4	2
9	3	3	0	2	5	2	2	2	5	3	0	8	3
10	11	7	13	11	9	3	3	7	3	4	4	8	7
11	8	3	3	5	10	2	5	6	0	2	0	0	4
12	2	0	3	0	1	6	0	0	0	2	2	4	2
13	4	5	2	2	2	2	4	2	0	8	4	6	3
14	4	2	4	4	5	***	0	3	5	0	2	9	3
15	9	7	5	3	7	2	2	0	4	0	1	2	4
16	2	2	0	2	0	5	2	5	5	7	6	6	4
17	9	7	6	5	3	0	0	3	4	0	0	2	3
18	0	0	4	0	2	0	1	0	0	0	2	5	1
19	4	0	0	2	0	2	7	1	0	0	2	0	2
20	0	2	0	2	0	0	2	2	3	5	7	5	2
21	0	0	2	0	***	3	2	2	0	2	2	0	1
22	2	3	2	2	0	2	3	2	2	1	3	0	2
23	0	2	2	0	0	0	0	0	0	2	0	6	1
24	0	0	3	0	2	2	0	2	3	0	3	0	1
25	2	3	5	5	5	3	3	2	3	5	3	0	3
26	2	3	4	4	9	5	3	5	5	0	5	9	5
27	1	2	3	7	3	4	2	7	3	2	5	2	3
28	5	9	13	9	6	***	3	2	5	3	9	3	6
29	3	8	7	5	9	4	2	3	2	3	2	4	4
30	5	5	0	1	2	2	2	2	0	3	2	2	2
31	2	2	2	14	12	6	5	6	4	6	11	2	6
MEAN	3	3	4	4	4	3	2	3	2	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JUN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	3	9	4	2	3	3	2	7	7	4
2	8	3	3	8	2	2	0	2	0	0	11	8	4
3	5	3	3	4	7	6	3	4	7	7	2	11	5
4	6	3	6	9	2	***	3	2	2	6	0	7	4
5	6	6	4	2	2	0	2	2	0	4	3	2	3
6	0	2	0	2	1	2	0	1	0	0	2	4	1
7	2	0	2	7	2	2	2	4	1	2	7	4	3
8	2	2	7	12	4	5	2	3	4	1	3	5	4
9	3	2	12	9	7	10	3	4	1	5	3	7	6
10	8	10	10	6	5	3	11	13	4	2	6	2	7
11	4	2	4	8	9	16	23	12	3	0	0	2	7
12	2	3	0	2	9	0	0	3	0	2	3	0	1
13	2	2	4	1	1	5	2	4	2	7	7	0	3
14	3	2	10	14	4	7	6	5	0	2	2	0	5
15	6	13	8	5	3	3	4	2	6	6	3	2	5
16	3	4	2	11	2	0	4	7	6	0	1	0	3
17	7	2	0	0	0	1	0	2	2	4	9	11	3
18	6	4	9	6	2	7	5	0	3	0	5	3	4
19	4	2	9	0	4	0	4	2	3	0	3	0	3
20	2	9	0	0	4	0	5	0	3	4	2	1	3
21	4	3	8	6	2	2	8	6	2	3	7	4	5
22	5	0	9	5	9	4	5	***	6	6	11	6	6
23	9	8	10	9	9	5	3	7	2	5	5	10	7
24	7	11	7	7	9	7	11	2	8	2	6	8	7
25	4	6	2	16	8	0	0	9	1	0	1	0	4
26	5	1	5	1	4	2	2	2	5	0	2	5	3
27	1	3	0	0	7	0	0	7	0	2	0	2	2
28	3	2	2	4	6	0	8	2	4	4	4	5	4
29	3	4	9	8	3	7	4	4	4	0	3	12	5
30	13	15	5	8	8	3	5	11	7	4	8	3	8
MEAN	5	4	5	6	5	4	4	4	3	3	4	4	4.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005				QUEENSWAY HOSPITAL ETOBICOKE				MONTH - JUL 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	0	2	4	0	5	0	1	4	5	2	0	2
2	1	0	4	0	3	2	0	0	2	0	4	3	2
3	2	0	4	6	0	1	0	0	2	3	0	2	2
4	0	2	7	0	6	0	0	0	2	3	3	4	2
5	1	6	6	1	6	5	8	1	0	9	4	5	4
6	4	8	7	12	5	10	6	0	0	2	6	2	5
7	9	10	9	3	6	5	7	8	0	6	10	4	6
8	1	3	2	1	3	2	2	0	0	0	6	0	2
9	0	0	3	0	1	1	1	1	0	2	3	2	1
10	7	5	2	5	3	1	0	3	2	2	2	5	3
11	0	8	5	7	4	1	8	2	0	1	2	0	3
12	1	0	1	3	0	0	2	0	6	0	0	2	1
13	0	0	1	2	0	****	0	0	3	1	0	3	1
14	1	3	5	2	1	5	5	3	2	3	2	7	3
15	4	1	9	11	3	5	15	9	1	7	4	4	6
16	2	0	5	16	10	5	4	0	0	0	2	3	4
17	1	0	2	7	0	1	0	0	2	0	4	1	2
18	0	4	0	3	1	0	1	1	1	2	1	0	1
19	2	2	5	2	5	4	12	4	1	3	2	1	4
20	1	2	8	9	7	2	1	****	0	2	0	2	3
21	1	0	2	5	2	1	3	4	2	4	6	2	3
22	4	2	4	5	5	0	2	5	0	3	2	3	3
23	2	4	6	4	5	9	4	2	3	4	5	3	4
24	3	0	3	2	2	1	1	0	1	1	1	2	1
25	5	2	1	0	6	0	1	1	3	3	2	8	3
26	2	2	3	2	5	4	2	2	0	0	0	0	2
27	0	3	5	3	2	1	****	0	0	0	4	3	2
28	2	4	2	2	2	2	1	7	9	2	4	2	3
29	3	5	3	6	8	8	3	5	6	0	5	2	5
30	1	5	2	4	6	3	2	8	2	1	2	6	4
31	6	3	8	6	2	1	3	2	2	2	2	0	3
MEAN	2	3	4	4	4	3	3	2	2	2	3	3	2.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005				QUEENSWAY HOSPITAL ETOBICOKE				MONTH - AUG 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	5	0	0	1	0	0	2	4	1	
2	5	0	4	0	0	0	0	1	0	2	0	0	1	
3	4	2	3	5	0	0	0	2	4	2	2	2	2	
4	0	4	6	12	6	2	3	1	6	4	0	7	4	
5	4	0	7	3	1	4	0	1	5	2	2	2	3	
6	0	0	5	2	3	6	1	7	3	4	4	0	3	
7	5	3	4	5	2	0	0	4	2	3	0	3	3	
8	6	0	2	2	0	6	7	1	0	2	5	0	3	
9	0	0	2	10	4	6	0	7	5	2	8	2	4	
10	4	4	5	6	0	2	0	2	3	3	6	5	3	
11	5	5	3	10	2	6	6	5	1	5	4	6	5	
12	3	3	7	11	11	11	11	4	5	4	3	4	6	
13	5	5	3	8	0	1	0	2	0	0	4	3	3	
14	7	0	2	2	3	0	0	3	2	0	0	4	2	
15	3	3	7	0	0	0	0	2	2	0	6	0	2	
16	2	2	2	5	5	5	3	2	0	0	2	2	3	
17	0	7	3	3	0	6	0	0	1	2	7	2	3	
18	5	0	2	3	2	5	0	4	3	0	2	13	3	
19	8	4	4	7	6	4	2	7	2	5	3	5	5	
20	0	8	8	10	13	3	7	3	3	2	3	0	5	
21	5	5	6	5	0	0	2	6	3	7	6	9	5	
22	2	3	8	4	5	1	3	1	0	4	12	3	4	
23	2	4	9	5	0	0	5	0	0	5	0	1	3	
24	0	0	3	7	2	****	5	2	2	0	5	7	3	
25	8	4	5	3	10	2	5	2	0	3	3	7	4	
26	8	4	7	16	12	7	9	17	5	10	8	9	9	
27	3	9	0	0	9	1	7	2	4	3	2	5	4	
28	3	1	7	6	2	3	0	5	2	4	3	3	3	
29	2	0	2	9	3	0	0	3	0	2	0	3	2	
30	2	2	3	3	2	4	0	5	0	2	1	2	2	
31	2	5	7	10	3	6	0	****	3	3	5	3	4	
MEAN	3	3	4	6	4	3	2	3	2	3	3	4	3.4	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - SEP 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	8	9	3	1	2	5	3	0	0	0	5	3
2	3	1	2	4	5	2	0	2	0	3	7	6	3
3	13	4	2	9	6	4	0	3	0	3	6	3	4
4	7	2	3	3	0	2	5	0	2	0	3	0	2
5	0	2	2	0	0	0	0	2	0	0	0	2	1
6	2	4	5	2	2	0	0	6	3	0	2	1	2
7	0	3	4	9	5	0	0	4	0	3	3	0	3
8	3	7	6	11	8	9	5	***	9	10	10	14	8
9	10	18	9	12	10	11	8	2	3	9	4	3	8
10	0	2	0	4	2	5	2	9	0	0	3	0	2
11	1	1	0	0	2	2	3	0	0	0	8	7	2
12	2	5	3	6	7	2	0	2	2	2	0	3	3
13	1	5	9	19	3	3	2	7	3	0	0	3	5
14	8	9	19	12	12	7	4	1	1	0	1	4	7
15	9	6	5	16	8	11	7	10	1	9	4	8	8
16	10	4	6	2	6	5	4	4	2	6	2	4	5
17	6	2	2	5	1	8	10	10	4	4	1	7	5
18	0	3	4	2	4	4	2	2	2	0	2	2	2
19	6	2	1	1	2	2	1	8	2	2	0	1	2
20	2	3	4	8	9	2	1	1	0	0	0	3	3
21	2	0	0	6	0	1	5	***	2	2	4	2	2
22	0	11	0	1	0	3	2	0	2	0	0	1	2
23	9	9	6	3	1	2	0	2	0	0	0	4	3
24	0	2	0	2	2	1	2	0	5	3	9	0	2
25	1	0	2	3	10	0	0	4	2	4	2	0	2
26	3	0	4	8	2	3	2	8	3	6	2	1	4
27	7	4	0	4	2	2	6	5	2	8	3	0	4
28	3	2	5	2	1	***	2	0	8	9	6	6	4
29	3	2	0	0	6	1	0	2	0	5	9	8	3
30	4	0	3	8	8	0	3	0	2	8	19	9	5
MEAN	4	4	4	6	4	3	3	4	2	3	4	4	3.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - OCT 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	8	3	7	8	4	5	6	6	3	4	0	5
2	10	6	11	9	11	14	10	3	2	8	16	12	9
3	6	3	4	0	2	5	0	3	2	7	12	17	5
4	12	4	13	16	10	5	0	6	6	9	9	12	9
5	9	8	12	16	8	1	5	7	5	9	5	5	8
6	7	0	5	10	1	3	9	6	10	4	2	2	5
7	0	0	0	3	2	6	4	2	2	3	5	3	3
8	4	1	1	7	10	0	4	10	2	6	3	2	4
9	2	4	0	2	2	2	0	2	0	0	2	0	1
10	0	4	3	0	2	2	1	3	5	5	3	0	2
11	5	1	0	7	5	2	2	0	0	3	0	3	2
12	13	2	12	19	9	3	7	7	2	5	8	11	8
13	2	11	2	7	4	***	***	5	0	2	3	0	4
14	5	3	0	3	0	2	0	0	0	0	0	5	2
15	3	2	3	0	19	2	0	2	3	0	0	2	3
16	0	2	3	1	6	2	1	3	0	1	2	4	2
17	0	5	2	0	5	6	0	0	2	2	5	1	2
18	4	2	0	5	2	1	2	2	3	4	2	0	2
19	0	4	5	9	11	10	8	4	2	8	7	0	6
20	3	0	7	15	2	2	6	12	7	2	6	2	5
21	0	2	2	19	0	0	2	4	4	2	2	0	3
22	0	5	3	2	2	1	2	6	3	2	4	1	3
23	0	4	2	2	6	0	2	0	5	5	15	11	4
24	2	0	2	2	2	3	4	3	3	0	5	1	2
25	2	0	2	6	6	5	2	6	9	5	2	7	4
26	4	3	4	8	2	***	6	5	4	4	4	6	5
27	8	2	6	7	5	4	0	5	2	3	2	6	4
28	3	2	3	5	3	0	0	0	3	9	7	2	3
29	0	0	0	3	3	20	2	6	7	2	8	2	4
30	0	5	6	8	6	4	2	4	9	4	5	4	5
31	6	4	7	4	0	2	1	0	2	0	5	1	3
MEAN	4	3	4	7	5	4	3	4	4	4	5	4	4.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	QUEENSWAY HOSPITAL ETOBICOKE												MEAN
	C	NO 35005	4	6	8	10	12	14	16	18	20	22	24
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	5	2	6	5	2	2	3	3	4	3
2	7	7	6	25	13	3	10	3	4	4	5	2	7
3	7	13	4	6	2	5	0	2	0	4	13	16	6
4	14	15	2	12	18	8	2	5	3	4	2	6	8
5	7	4	0	0	9	2	7	4	3	4	0	8	4
6	5	4	1	3	2	0	5	0	10	2	10	0	4
7	4	0	2	8	0	2	0	4	2	0	6	0	2
8	6	0	3	5	0	4	1	33	2	0	7	2	5
9	6	8	3	10	0	3	***	10	3	8	2	7	5
10	2	2	2	4	3	0	4	6	4	2	0	2	3
11	9	4	2	5	6	0	10	0	2	2	1	4	4
12	4	5	0	10	3	2	0	0	0	5	6	0	3
13	4	0	2	1	3	5	0	6	1	4	2	0	2
14	5	2	6	0	0	3	2	2	0	6	18	3	4
15	7	0	3	5	2	3	0	6	4	2	11	2	4
16	4	9	0	6	6	***	8	2	0	8	8	4	5
17	2	13	2	9	11	9	2	11	0	1	5	2	6
18	8	0	2	1	4	1	0	6	1	14	4	0	3
19	3	0	5	5	6	0	4	0	7	2	2	0	3
20	0	0	4	0	5	0	7	0	7	3	0	8	3
21	0	0	0	0	9	2	2	3	0	6	0	2	2
22	4	0	4	0	0	5	0	10	1	1	3	0	2
23	0	5	0	0	21	***	5	2	4	2	6	1	4
24	6	1	3	2	3	0	2	8	2	2	0	2	3
25	3	1	5	2	13	2	6	4	18	0	3	2	5
26	0	8	14	11	2	2	2	6	1	2	0	4	4
27	2	13	1	0	8	2	10	0	2	0	5	0	4
28	6	4	0	0	0	0	1	2	0	0	6	0	2
29	4	0	2	3	2	12	0	2	0	6	2	0	3
30	2	0	0	7	0	***	5	23	1	0	2	6	4
MEAN	4	4	3	5	5	3	3	5	3	3	4	3	3.9

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	QUEENSWAY HOSPITAL ETOBICOKE												MEAN
	C	NO 35005	4	6	8	10	12	14	16	18	20	22	24
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	10	4	10	6	4	0	4	4	0	2	4
2	10	3	2	6	0	0	0	4	8	4	0	2	3
3	0	2	4	8	3	0	4	0	5	1	0	6	3
4	2	2	3	0	7	10	2	6	5	0	2	7	4
5	0	7	2	2	5	2	0	2	11	8	10	4	4
6	10	7	4	6	5	4	2	15	5	0	4	0	5
7	2	4	4	0	2	12	0	7	4	4	0	0	3
8	2	2	3	7	10	8	3	2	0	3	3	4	4
9	10	8	1	6	3	7	1	8	1	8	6	0	5
10	9	4	2	10	3	4	4	5	5	3	1	0	4
11	3	2	4	0	2	0	3	5	6	5	0	2	3
12	10	2	0	4	3	5	9	0	5	4	2	0	4
13	0	4	3	3	2	0	2	5	3	2	4	3	3
14	8	1	3	0	0	***	4	0	5	7	2	6	3
15	3	2	9	3	8	3	1	7	8	4	31	13	8
16	16	12	13	19	11	6	15	15	11	7	5	7	11
17	1	3	3	3	0	3	3	3	4	2	1	4	3
18	3	0	0	4	0	0	4	4	5	3	4	0	2
19	6	0	0	11	6	8	2	8	12	21	14	18	9
20	12	7	9	8	9	14	4	2	4	1	0	2	6
21	0	2	4	2	1	2	0	***	2	0	5	0	2
22	2	2	2	0	2	0	4	10	4	2	8	3	3
23	7	1	1	6	***	3	3	0	2	0	1	2	2
24	2	8	0	2	4	6	2	2	0	4	2	4	3
25	3	4	9	4	1	0	2	4	4	4	8	11	5
26	0	5	1	0	2	1	17	5	8	5	0	0	4
27	2	0	2	8	1	0	0	3	1	1	3	8	2
28	3	5	2	6	5	2	4	6	5	4	2	11	5
29	10	7	4	0	2	7	1	2	4	2	6	0	4
30	1	0	0	4	2	***	0	0	2	2	4	6	2
31	6	0	0	5	7	6	6	2	0	0	4	2	3
MEAN	5	3	3	5	4	4	3	4	5	4	4	4	4.0

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	3.4	9	17
FEB	26	3.2	9	23
MAR	29	3.0	6	19
APR	30	2.6	7	16
MAY	31	3.0	7	14
JUN	30	4.2	8	23
JUL	31	2.9	6	16
AUG	31	3.4	9	17
SEP	30	3.6	8	19
OCT	31	4.1	9	20
NOV	30	3.9	8	33
DEC	31	4.0	11	31
YEAR	346	3.4	11	33

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	139	45	8	1	0	0	0	193
FEB	236	62	12	2	2	0	0	314
MAR	255	91	7	2	0	0	0	355
APR	275	73	8	1	0	0	0	357
MAY	273	88	7	0	0	0	0	368
JUN	224	113	18	2	1	0	0	358
JUL	279	85	4	1	0	0	0	369
AUG	253	106	9	2	0	0	0	370
SEP	250	93	9	5	0	0	0	357
OCT	233	110	18	8	0	0	0	369
NOV	241	91	16	4	3	1	0	356
DEC	248	97	17	4	1	1	0	368
YEAR	2906	1054	133	32	7	2	0	4134

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT						ARITH MEAN	
MIN	10	30	50	70	90	95	98	99	MAX		
94.1	0	0.0	1.0	2.0	4.0	7.4	9.5	12.3	15.0	33	3.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST, ETOBICOKE

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5	-	-	-	-	-	-	-	-	3	0	3	1	*****
6	2	9	12	12	11	8	0	0	8	2	7	3	6
7	9	8	3	6	1	8	7	2	0	0	0	0	4
8	2	0	0	0	2	0	2	2	4	2	6	4	2
9	7	0	9	2	8	1	4	3	4	0	3	1	4
10	0	2	4	2	1	4	5	8	3	4	2	3	3
11	0	6	2	1	0	5	7	0	0	4	4	2	3
12	6	6	0	3	14	9	3	4	0	4	0	4	4
13	2	1	10	3	10	7	7	4	3	6	0	6	5
14	4	0	0	0	5	0	2	3	0	0	2	8	2
15	1	2	2	4	10	8	2	0	1	7	2	3	4
16	2	2	0	0	3	0	1	0	2	2	4	0	1
17	2	2	3	0	7	2	0	3	6	2	8	7	4
18	4	8	0	3	0	5	13	7	11	7	4	3	5
19	4	5	7	2	2	****	0	2	6	0	4	2	3
20	0	3	0	6	0	3	0	3	0	2	0	3	2
21	0	3	4	3	6	6	6	9	5	4	3	0	4
22	1	0	4	9	3	0	2	5	10	17	13	16	7
23	7	13	3	3	8	5	9	2	0	0	3	2	5
24	4	6	5	7	5	6	5	9	4	4	1	2	5
25	0	2	2	2	8	2	2	7	9	3	3	5	4
26	3	3	3	0	0	1	3	2	0	0	2	0	1
27	0	0	0	0	2	3	2	8	3	0	3	2	2
28	3	4	1	3	6	3	2	****	-	-	-	-	*****
29													
30													
31													
MEAN	3	4	3	3	5	4	4	4	4	3	3	3	3.5

PERCENTAGE OF DATA VALID - 73.7

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 22.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST, ETOBICOKE

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	-	-	-	-	-	-	-	-	1	9	5	5	*****
11	4	0	5	0	6	0	6	0	0	0	0	2	2
12	7	2	9	2	0	0	2	0	3	2	2	9	3
13	0	0	0	3	2	0	0	2	2	0	3	2	1
14	2	0	2	0	3	0	2	3	0	6	3	6	2
15	2	5	4	5	0	0	5	0	3	2	0	0	2
16	2	3	0	5	3	3	2	4	2	3	5	0	3
17	0	0	0	7	2	2	0	2	0	0	2	0	1
18	3	2	3	0	2	3	3	0	2	3	2	2	2
19	3	2	2	3	0	3	5	5	2	5	3	2	3
20	2	3	0	0	2	0	4	7	5	0	5	3	3
21	3	3	6	2	4	0	7	0	5	7	7	2	4
22	2	2	2	2	3	2	2	2	3	0	2	1	2
23	3	2	2	3	3	0	1	5	0	0	2	0	2
24	3	3	0	2	2	0	****	3	7	0	7	13	4
25	3	4	5	7	15	0	5	3	0	5	3	8	5
26	7	8	13	14	2	9	7	3	11	4	7	2	7
27	5	2	2	6	3	5	2	0	2	3	1	0	3
28	6	2	0	0	0	3	0	4	2	3	0	0	2
29	0	0	3	0	7	0	6	3	7	0	6	0	3
MEAN	3	2	3	3	3	2	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 66.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 33.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35008 22 THIRTY SIXTH ST, ETOBICOKE													MONTH - MAR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	2	1	5	3	3	3	3	3	2	0	3
2	2	1	0	3	4	5	3	4	0	2	5	3	3
3	7	2	0	7	0	4	2	1	2	2	0	1	2
4	4	4	8	13	3	5	4	0	0	2	0	0	4
5	6	4	5	7	3	2	0	2	5	4	0	2	3
6	0	0	0	0	0	0	0	0	0	2	0	2	0
7	4	0	0	5	0	3	2	4	0	2	2	3	2
8	3	2	0	2	0	0	2	0	0	0	1	6	1
9	0	11	13	11	0	2	3	2	0	5	2	3	4
10	7	3	2	2	5	9	2	9	3	7	3	3	5
11	2	7	0	4	4	2	4	0	2	3	8	8	4
12	2	0	2	3	0	0	2	7	2	5	6	0	2
13	2	2	2	0	0	1	0	0	0	2	3	0	1
14	4	5	0	0	4	2	3	0	8	3	6	2	3
15	2	2	0	6	0	3	2	3	0	0	5	3	2
16	5	4	0	5	9	8	9	7	1	0	4	6	5
17	3	2	4	0	2	2	2	0	2	0	6	3	2
18	4	5	2	0	1	7	5	2	0	2	2	7	3
19	0	11	2	6	3	6	0	0	2	5	2	3	3
20	0	2	3	3	2	3	2	3	4	1	6	2	3
21	5	0	0	4	7	2	4	2	3	0	2	0	2
22	2	0	0	2	6	0	5	0	0	3	2	0	2
23	2	6	3	6	2	2	0	0	2	2	0	0	2
24	3	4	2	7	2	9	0	3	4	9	3	5	4
25							- DATA UNAVAILABLE -						
26	2	0	2	3	7	3	5	0	0	2	2	4	3
27	6	5	2	4	8	4	11	2	2	0	7	11	5
28	5	13	11	6	0	3	5	9	0	2	2	0	5
29	7	2	0	2	7	4	0	2	0	2	4	9	3
30	11	10	5	2	0	0	0	0	2	3	3	2	3
31	11	0	2	2	2	2	5	3	2	0	0	11	3
MEAN	4	4	2	4	3	3	3	2	2	2	3	3	2.9

PERCENTAGE OF DATA VALID - 96.8      PERCENTAGE OF DATA INVALID - 0.0      PERCENTAGE OF DATA UNAVAILABLE - 3.2

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2.    \*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35008 22 THIRTY SIXTH ST, ETOBICOKE													MONTH - APR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	6	3	7	4	0	5	2	0	0	7	3
2	4	5	2	9	9	0	2	2	3	0	2	9	4
3	5	0	2	1	5	2	5	5	0	0	5	3	3
4	0	2	2	2	2	3	0	0	0	5	0	0	1
5	0	2	3	0	2	0	0	2	2	2	7	2	2
6	2	0	1	0	9	0	0	3	3	0	2	2	2
7	3	5	7	0	9	0	5	0	0	3	2	2	3
8	0	2	3	0	5	2	0	0	11	0	0	0	2
9	1	4	7	0	6	0	0	2	2	0	5	3	3
10	0	3	7	0	1	0	3	0	0	2	0	2	2
11	2	0	0	1	5	0	4	0	2	0	2	3	2
12	2	2	0	2	0	2	7	0	2	6	0	3	2
13	5	0	8	4	0	0	0	0	2	5	5	2	3
14	9	13	11	4	4	3	0	2	7	0	2	11	6
15	9	3	7	2	5	0	3	1	5	0	2	0	3
16	2	2	3	5	3	4	9	3	0	4	2	9	4
17	2	2	3	0	0	7	2	3	0	9	6	3	3
18	3	5	9	0	9	0	5	4	3	5	0	3	4
19	2	6	0	11	2	0	0	3	4	0	5	2	3
20	0	2	0	2	2	3	5	0	4	0	11	5	3
21	0	9	0	9	4	0	8	0	5	3	3	6	4
22	0	2	4	0	3	0	0	0	0	2	3	0	1
23	2	0	0	5	0	0	7	2	0	2	3	0	2
24	0	2	0	3	0	2	0	0	6	3	2	0	2
25	5	5	0	5	2	5	0	0	2	0	2	0	2
26	1	2	3	0	3	2	2	0	3	0	2	0	2
27	5	0	0	5	0	4	0	0	3	0	0	6	2
28	0	2	0	0	3	6	0	2	4	2	4	0	2
29	0	0	0	3	3	2	4	1	0	2	0	7	2
30	2	6	3	7	0	9	2	2	0	0	0	3	3
MEAN	2	3	3	3	3	2	3	1	2	2	3	3	2.6

PERCENTAGE OF DATA VALID -100.0      PERCENTAGE OF DATA INVALID - 0.0      PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2.    \*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008

22 THIRTY SIXTH ST, ETOBICOKE

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	9	0	5	0	2	0	3	2	2	5	0	2
2	2	0	3	2	2	0	0	0	4	0	6	0	2
3	4	0	2	0	0	0	5	0	2	4	0	6	2
4	0	4	0	4	0	2	2	0	6	4	7	2	3
5	0	5	0	3	0	7	2	2	2	0	8	0	2
6	5	1	4	7	0	2	0	2	0	0	0	2	2
7	5	2	0	2	4	0	2	0	1	0	7	10	3
8	0	5	0	3	0	0	5	3	0	3	0	0	2
9	5	2	1	3	2	5	2	1	2	2	2	2	2
10	9	11	11	2	0	2	5	2	0	0	****	-	4
11	-	-	-	-	-	-	-	****	6	1	0	0	*****
12	3	2	0	2	2	2	0	4	1	3	1	3	2
13	0	0	2	2	4	2	0	3	3	3	5	2	2
14	2	0	4	0	2	1	3	2	1	0	0	4	2
15	9	2	11	7	2	6	0	2	1	3	2	3	4
16	2	4	0	3	3	3	1	0	2	0	3	2	2
17	0	2	0	3	5	2	0	2	2	0	3	2	2
18	3	1	3	0	2	3	2	0	0	2	3	2	2
19	4	0	1	3	0	2	3	0	3	0	2	3	2
20	2	2	4	0	5	2	1	4	2	0	3	2	2
21	4	2	3	4	0	2	0	3	0	2	1	2	2
22	0	1	0	7	2	4	0	0	3	0	0	2	2
23	0	1	2	2	2	0	1	0	0	0	0	0	1
24	0	1	0	4	0	0	0	2	0	4	2	1	1
25	0	3	3	0	6	1	0	0	2	3	2	4	2
26	0	6	4	3	6	10	11	11	2	8	8	9	7
27	2	6	10	3	2	10	0	5	2	2	2	3	4
28	5	6	9	0	3	5	7	4	2	3	2	2	4
29	6	6	3	2	2	2	2	0	4	0	5	2	3
30	7	2	3	0	0	2	0	2	0	5	1	2	2
31	5	0	7	2	3	0	5	0	7	2	3	1	3
MEAN	3	3	3	3	2	3	2	2	2	2	3	3	2.4

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008

22 THIRTY SIXTH ST, ETOBICOKE

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	2	2	0	0	0	0	0	0	11	9	3
2	9	0	11	5	0	0	0	0	0	0	4	20	4
3	0	4	2	4	2	4	0	2	0	4	5	9	3
4	13	6	4	2	3	0	4	3	0	3	3	0	3
5	5	4	7	2	2	0	0	2	0	3	3	3	3
6	3	3	2	0	6	0	0	0	0	3	0	5	2
7	2	5	0	3	5	1	5	2	2	3	6	2	3
8	3	4	3	7	3	5	3	4	2	5	11	6	5
9	5	7	7	7	2	5	2	2	5	3	3	3	4
10	2	0	3	8	2	5	3	1	2	0	5	0	3
11	4	8	0	7	9	2	0	3	2	5	5	1	4
12	3	0	2	2	3	2	2	0	0	0	2	3	2
13	0	2	0	3	0	2	0	3	5	5	2	3	2
14	2	4	2	3	7	5	3	2	2	2	7	2	3
15	4	2	0	4	0	3	0	8	0	6	2	6	3
16	7	4	2	6	3	2	2	5	5	3	4	0	4
17	3	3	1	7	1	2	0	2	2	1	2	8	3
18	9	4	1	9	1	5	2	4	2	2	6	2	5
19	5	2	8	3	3	3	2	0	5	2	2	2	3
20	5	0	0	2	2	0	1	0	2	2	7	6	2
21	3	6	8	0	2	2	4	1	1	2	2	6	3
22	0	4	2	3	2	5	2	4	6	6	6	2	4
23	2	4	11	6	3	9	5	5	2	2	2	7	5
24	4	6	0	3	0	3	2	7	2	0	6	2	3
25	0	2	5	7	4	0	1	1	0	2	5	4	3
26	0	0	2	0	4	3	4	6	6	4	1	3	3
27	1	4	0	2	0	2	0	4	2	1	2	0	2
28	2	0	6	5	0	7	2	2	4	4	2	0	3
29	5	4	2	7	2	3	4	2	5	0	5	1	3
30	4	4	3	0	4	0	0	5	6	2	1	0	2
MEAN	4	3	3	4	3	3	2	3	2	3	4	4	3.1

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008				22 THIRTY SIXTH ST. ETOBICOKE				MONTH - JUL 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	1	0	1	0	2	0	0	0	0	0	1
2	2	6	0	6	0	0	***	0	2	3	2	3	2
3	0	3	2	0	3	13	2	3	0	5	2	4	3
4	2	0	0	0	3	0	2	2	0	0	0	4	1
5	4	2	0	6	3	5	1	7	1	8	2	4	4
6	9	5	2	7	0	5	4	2	5	2	5	10	5
7	5	2	6	3	9	2	4	1	2	0	2	2	3
8	3	4	1	7	2	2	2	0	2	2	2	6	3
9	2	2	0	1	2	3	8	1	3	0	0	4	2
10	2	0	0	0	0	1	1	0	0	0	0	2	1
11	2	1	0	4	0	4	2	2	5	1	3	0	2
12	0	3	0	5	0	0	4	0	9	2	0	4	2
13	0	2	3	0	2	3	0	2	2	0	5	0	2
14	1	0	0	0	5	4	0	1	2	2	4	0	2
15	2	1	0	0	13	4	2	8	6	0	7	4	4
16	6	0	3	4	1	2	***	0	2	2	2	2	2
17	0	0	2	0	2	0	4	2	0	0	0	0	1
18	5	0	0	3	7	0	1	3	5	3	6	2	3
19	0	2	0	1	2	7	0	2	3	11	7	3	3
20	0	9	2	9	7	5	4	0	0	2	***	0	3
21	5	0	6	2	4	0	0	7	7	0	7	0	3
22	3	6	0	0	1	0	0	0	2	0	4	0	1
23	0	2	5	0	5	5	2	3	1	4	4	4	3
24	11	2	1	1	4	0	0	0	0	0	2	2	2
25	3	2	2	3	3	0	0	2	2	1	0	5	2
26	2	0	0	4	2	2	9	2	2	0	5	5	3
27	1	2	3	2	4	4	2	1	0	0	3	0	2
28	1	2	0	3	5	0	2	1	0	1	0	1	1
29	1	1	0	0	3	2	3	5	0	7	2	4	2
30	4	0	4	2	7	9	2	6	2	0	1	2	3
31	5	5	5	0	0	1	0	0	0	2	2	2	2
MEAN	3	2	2	2	3	3	2	2	2	2	3	3	2.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008				22 THIRTY SIXTH ST. ETOBICOKE				MONTH - AUG 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	1	0	1	4	0	2	2	0	2	2	1	
2	0	2	0	0	5	0	0	1	2	2	2	2	1	
3	1	2	0	3	7	3	2	2	6	3	1	0	3	
4	2	2	2	1	4	0	0	4	3	1	2	6	2	
5	5	0	0	7	0	5	2	0	4	0	2	2	2	
6	2	3	0	1	0	0	0	2	0	2	0	2	1	
7	2	2	1	0	3	0	0	2	0	0	2	0	1	
8	0	0	2	2	5	0	3	2	7	1	0	2	2	
9	3	6	0	8	3	2	0	4	2	8	10	0	4	
10	0	0	0	5	6	0	2	0	0	2	7	7	2	
11	9	2	2	0	2	5	0	6	0	5	0	0	3	
12	0	0	8	6	5	2	5	5	0	0	0	0	3	
13	3	5	5	0	0	0	5	5	2	0	5	8	3	
14	0	0	2	0	0	3	2	1	2	5	1	0	1	
15	1	0	4	1	0	0	2	0	0	2	0	3	1	
16	2	2	2	3	0	0	4	0	0	5	0	0	2	
17	2	1	0	2	2	9	2	0	0	5	2	5	3	
18	0	2	3	9	0	0	2	5	0	3	0	2	2	
19	11	16	16	13	0	3	0	2	5	7	2	4	7	
20	9	7	9	6	6	4	0	8	7	2	0	3	5	
21	7	9	3	5	2	6	3	2	7	3	9	2	5	
22	5	0	2	8	3	5	7	0	3	3	3	5	4	
23	2	0	7	5	4	***	1	2	1	2	3	3	3	
24	0	5	2	2	0	3	0	0	0	0	2	8	2	
25	13	9	10	3	7	3	7	0	3	2	2	9	6	
26	3	15	12	11	8	7	4	2	1	6	5	3	6	
27	11	6	8	2	0	11	1	0	0	2	6	7	5	
28	0	8	3	0	5	2	0	3	3	4	5	3	3	
29	0	0	0	0	0	9	1	2	3	3	3	6	2	
30	0	0	5	2	0	0	3	0	2	2	2	4	2	
31	1	2	0	5	2	4	3	1	5	6	0	5	3	
MEAN	3	3	4	4	3	3	2	2	2	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008

22 THIRTY SIXTH ST. ETOBICOKE

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	8	9	2	3	0	0	4	0	0	1	3
2	2	0	7	0	2	0	5	2	5	2	0	7	3
3	8	4	10	15	0	3	2	2	2	2	0	11	3
4	2	2	3	2	3	5	1	5	0	0	0	7	5
5	2	2	0	0	1	0	0	0	0	0	0	2	2
6	3	0	5	2	4	0	0	0	0	0	0	0	0
7	2	4	3	7	4	11	2	2	2	1	0	0	2
8	2	2	0	4	9	5	1	0	2	2	0	4	3
9	9	8	9	6	6	9	0	5	0	5	3	0	3
10	0	0	2	0	3	0	5	0	0	2	0	10	8
												0	1
11	0	0	3	5	2	0	0	2	0	3	2	5	2
12	2	7	6	13	4	0	0	0	4	0	2	0	3
13	5	3	2	0	5	0	4	4	1	0	2	0	3
14	2	4	4	6	7	2	2	4	4	4	2	4	3
15	5	0	10	6	15	8	5	6	2	4	2	2	4
16	9	2	0	7	5	2	4	5	8	6	2	8	7
17	3	2	2	4	7	0	4	4	4	2	2	4	4
18	0	6	2	0	0	3	2	2	0	6	2	1	3
19	5	3	5	0	0	0	0	4	1	5	2	7	3
20	2	5	3	2	3	7	0	4	0	1	8	0	2
									2	0	2	2	3
21	1	0	1	1	4	4	9	2	0	0	0	0	2
22	0	5	0	0	5	2	***	6	1	6	5	0	3
23	3	2	7	2	7	0	2	0	2	2	1	2	3
24	0	0	4	7	0	0	0	5	4	3	7	4	3
25	3	0	2	0	6	2	0	0	3	2	2	0	2
26	3	4	2	3	5	3	0	0	3	7	2	2	3
27	7	2	4	10	2	2	2	3	2	5	2	0	3
28	1	0	6	0	2	3	1	4	3	0	0	0	2
29	0	0	0	1	0	4	0	2	2	8	0	10	2
30	5	0	2	4	9	4	1	2	1	2	8	6	4
MEAN	3	2	4	4	4	3	2	3	2	3	2	3	2.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008

22 THIRTY SIXTH ST. ETOBICOKE

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	4	0	6	3	2	0	3	2	4	8	3
2	7	6	3	12	8	7	0	6	0	4	4	11	6
3	13	5	10	0	6	0	4	0	1	2	4	6	4
4	6	3	8	22	5	3	0	3	0	3	0	2	5
5	5	4	12	6	9	2	1	0	4	2	4	3	4
6	4	2	2	5	2	5	***	8	5	2	8	3	4
7	2	2	9	2	2	0	1	2	3	0	3	0	2
8	0	3	3	2	3	3	7	4	4	0	5	5	3
9	3	2	2	2	2	7	3	0	7	0	3	0	3
10	2	0	4	0	0	0	7	0	0	3	5	3	2
11	2	7	0	6	4	1	2	0	0	4	0	2	2
12	2	3	5	20	5	0	1	4	0	6	5	0	4
13	3	8	4	7	6	2	0	5	2	8	0	6	4
14	0	4	3	0	3	0	0	0	2	1	0	5	2
15	2	0	6	3	2	2	6	3	3	0	1	3	2
16	0	0	1	4	2	2	3	0	5	6	2	2	2
17	2	0	0	2	5	2	2	0	3	2	2	3	2
18	5	2	7	3	0	***	2	2	0	3	2	3	2
19	9	0	0	5	2	0	0	4	0	5	4	2	3
20	6	2	6	13	10	3	2	1	1	5	0	5	3
									10	5	5	6	6
21	0	4	3	6	7	0	5	2	0	2	0	3	3
22	2	3	3	0	0	0	0	0	6	2	3	7	2
23	7	0	3	4	2	1	0	0	0	7	9	9	4
24	1	5	4	4	2	0	9	0	4	2	0	0	3
25	3	2	0	3	6	0	4	7	4	5	6	5	4
26	0	1	3	9	9	1	2	3	2	5	6	1	4
27	1	2	4	5	2	0	0	2	0	6	5	0	2
28	1	2	2	6	0	4	0	0	7	2	2	0	2
29	5	0	0	8	0	5	7	8	0	5	0	6	4
30	0	5	2	6	4	2	3	5	8	4	7	0	4
31	9	3	9	0	2	2	2	3	0	1	6	4	3
MEAN	3	3	4	5	4	2	3	2	3	3	3	4	3.2

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008

22 THIRTY SIXTH ST. ETOBICOKE

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	7	3	0	3	2	7	3	9	2	3
2	5	6	7	9	9	***	2	4	7	2	1	11	6
3	5	4	4	0	3	2	0	0	13	13	11	3	5
4	3	3	15	0	4	0	7	2	7	5	0	5	4
5	0	3	14	1	2	2	0	2	1	5	4	0	3
6	3	3	4	2	0	4	0	3	7	3	0	6	3
7	0	0	1	1	0	0	0	0	0	0	2	4	1
8	0	8	6	0	0	4	3	0	0	5	2	0	3
9	2	3	4	5	2	0	9	6	8	2	7	5	4
10	4	0	5	2	6	2	4	8	3	7	0	1	4
11	3	0	5	2	0	1	0	2	2	3	2	3	2
12	0	3	5	2	1	0	0	0	5	2	6	0	2
13	2	0	3	0	0	3	2	3	0	5	0	4	2
14	0	6	2	0	7	1	4	10	14	8	0	4	5
15	4	5	5	4	2	1	3	10	10	1	5	4	5
16	8	2	5	3	2	2	0	7	3	7	7	6	4
17	7	9	8	8	3	2	***	3	3	7	8	0	5
18	4	4	2	5	7	0	2	1	3	6	0	6	3
19	4	6	3	4	5	1	5	0	2	2	2	2	3
20	0	2	1	0	2	2	7	2	4	2	5	5	3
21	1	9	2	0	2	1	0	0	0	3	3	0	2
22	2	0	7	0	4	2	0	4	1	0	0	0	2
23	1	0	1	0	0	0	3	2	0	0	2	2	1
24	1	0	4	4	2	2	0	12	0	7	6	4	4
25	3	4	2	5	2	6	7	4	0	2	11	4	4
26	0	12	5	6	0	6	8	0	3	2	4	0	4
27	1	5	2	5	0	7	1	2	3	0	5	2	3
28	0	4	1	1	0	6	3	6	8	2	12	1	4
29	4	2	2	2	0	1	0	0	1	4	0	0	1
30	0	8	1	2	5	1	9	2	3	4	0	2	3
MEAN	2	4	4	3	2	2	3	3	4	4	4	3	3.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008

22 THIRTY SIXTH ST. ETOBICOKE

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	0	3	3	3	4	5	3	3	6	3
2	1	9	2	2	0	2	***	1	4	2	1	3	2
3	0	0	4	7	3	10	8	0	9	2	6	2	4
4	0	4	1	4	1	4	4	0	8	5	2	4	3
5	6	5	0	1	4	4	6	3	6	7	10	7	5
6	14	10	8	5	1	8	5	2	2	4	3	4	6
7	3	5	0	12	2	4	4	4	4	2	3	2	4
8	0	1	4	4	7	3	2	3	0	1	3	7	3
9	4	2	2	2	4	0	3	9	0	0	2	1	2
10	1	4	4	6	2	0	4	8	3	5	5	2	4
11	3	1	2	0	2	1	0	5	0	2	4	2	2
12	0	2	0	2	2	3	2	2	4	2	8	0	2
13	2	4	2	1	4	0	4	0	4	5	1	7	3
14	6	5	2	10	3	2	4	2	3	2	4	0	4
15	1	2	2	4	5	7	0	7	10	12	18	27	8
16	18	6	13	22	18	6	17	12	12	6	5	2	11
17	2	2	4	3	5	13	2	11	4	3	2	2	4
18	0	0	0	0	3	0	3	0	2	0	3	0	1
19	2	0	0	5	4	8	0	0	0	0	0	0	2
20	0	0	2	6	4	9	6	0	11	3	2	2	4
21	5	0	0	0	2	4	2	1	0	2	0	4	2
22	2	4	2	0	3	1	6	4	0	1	2	9	3
23	1	0	6	12	7	0	2	2	4	3	6	0	4
24	2	3	2	0	0	0	0	2	3	2	6	4	2
25	7	4	4	2	0	2	8	9	2	5	4	5	4
26	2	1	1	3	2	2	0	4	3	4	3	2	2
27	5	0	0	3	3	0	5	4	3	5	5	4	3
28	2	4	8	3	3	7	2	2	3	2	5	9	4
29	12	3	7	2	3	2	2	0	2	2	0	0	3
30	2	2	0	5	6	5	2	2	7	4	5	5	4
31	0	3	0	2	0	6	2	2	3	5	3	2	2
MEAN	3	3	3	4	3	4	4	3	4	3	4	4	3.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	3.5	7	17
FEB	19	2.8	7	15
MAR	30	2.9	5	13
APR	30	2.6	6	13
MAY	30	2.4	7	11
JUN	30	3.1	5	20
JUL	31	2.3	5	13
AUG	31	2.8	7	16
SEP	30	2.9	8	15
OCT	31	3.2	6	22
NOV	30	3.2	6	15
DEC	31	3.5	11	27
YEAR	345	2.9	11	27

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	195	69	8	2	0	0	0	274
FEB	177	50	5	0	0	0	0	232
MAR	276	72	12	0	0	0	0	360
APR	278	76	6	0	0	0	0	360
MAY	302	55	5	0	0	0	0	362
JUN	268	85	6	1	0	0	0	360
JUL	304	61	4	0	0	0	0	369
AUG	275	86	8	2	0	0	0	371
SEP	271	83	5	0	0	0	0	359
OCT	261	102	5	1	1	0	0	370
NOV	260	87	11	0	0	0	0	358
DEC	274	80	11	4	2	0	0	371
YEAR	3141	906	86	10	3	0	0	4146

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.4	0	0.0	0.5	1.8	3.3	6.4	8.2	10.4	12.1	27	2.9



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 35036 ISLINGTON/401 ETOBICOKE													MONTH - JAN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	1	1	1	2	0	1	0	0	5	1
2	8	6	1	6	1	2	3	2	4	2	4	2	3
3	0	2	3	2	2	0	0	1	0	0	5	0	1
4	2	2	2	0	0	4	2	0	2	4	0	0	2
5	4	5	0	3	4	5	3	***	0	4	2	2	3
6	0	0	0	0	2	7	0	3	2	6	7	0	2
7	3	0	3	3	5	4	6	3	0	5	1	0	3
8	0	0	3	5	5	3	1	3	3	2	0	2	2
9	2	0	0	1	3	0	2	***	5	0	2	3	2
10	3	2	0	2	3	0	2	1	3	0	6	5	2
11	5	0	6	3	0	2	0	4	4	2	3	2	3
12	0	0	5	0	1	5	2	2	5	2	2	2	2
13	3	2	0	3	4	5	2	5	5	3	2	2	3
14	1	2	0	2	0	2	3	0	2	0	3	2	1
15	0	2	0	3	3	3	0	1	2	5	4	0	2
16	2	8	3	0	2	3	2	3	4	3	3	3	3
17	2	5	0	0	2	0	3	2	0	5	3	4	2
18	0	0	0	2	1	0	0	2	2	0	4	2	1
19	6	5	2	2	2	5	0	2	2	1	2	3	3
20	0	0	2	0	5	2	3	6	0	1	0	4	2
21	2	0	2	2	2	5	2	7	2	2	0	0	2
22	0	0	0	2	0	3	0	0	8	1	2	0	1
23	2	3	4	6	5	5	6	6	2	4	3	3	4
24	0	1	0	0	2	2	4	0	2	4	3	3	2
25	5	3	0	4	3	5	0	2	2	2	0	2	2
26	4	4	4	5	3	3	9	2	3	0	0	2	3
27	2	0	2	2	2	2	2	0	2	2	0	3	2
28	0	0	2	2	2	0	3	0	0	6	1	0	1
29	2	3	2	2	2	1	18	7	0	3	3	0	4
30	3	0	1	3	2	0	1	2	0	3	3	6	2
31	7	2	2	5	3	1	3	2	0	2	0	3	3
MEAN	2	2	2	2	2	3	3	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 35036 ISLINGTON/401 ETOBICOKE													MONTH - FEB 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	3	2	3	3	2	2	0	2	1	2
2	1	4	0	2	2	2	3	0	3	0	2	2	2
3	3	0	2	3	3	0	0	4	2	0	0	3	2
4	3	4	5	3	2	1	0	5	1	1	2	0	2
5	2	2	0	4	4	2	3	3	0	2	5	4	3
6	3	0	1	2	3	4	0	1	1	0	2	0	1
7	0	0	0	1	2	0	0	0	3	1	1	0	1
8	2	0	1	2	0	0	0	0	0	0	1	0	1
9	2	2	2	5	5	5	1	2	1	0	1	0	2
10	3	2	0	2	3	***	0	2	1	2	2	3	2
11	0	2	1	2	1	0	0	0	0	0	0	3	1
12	2	0	2	0	4	2	4	2	2	1	2	1	2
13	3	4	0	3	5	1	0	0	4	1	3	1	2
14	0	0	1	0	2	0	2	4	0	1	3	4	1
15	2	2	3	2	0	3	0	2	2	0	2	1	2
16	2	1	2	6	6	2	5	0	5	2	1	3	3
17	0	2	0	2	0	0	2	***	4	0	2	0	1
18	3	6	0	3	8	4	0	5	7	13	2	2	4
19	0	0	2	0	0	2	4	2	8	0	0	1	2
20	2	3	0	5	4	5	5	0	2	2	9	7	4
21	11	11	9	11	2	3	4	9	5	3	6	4	7
22	4	1	0	0	0	0	1	0	0	0	2	4	1
23	1	0	0	2	0	3	0	3	2	0	0	2	1
24	4	1	0	2	1	3	0	0	0	4	4	11	3
25	12	8	9	6	8	3	0	2	2	5	3	6	5
26	5	4	4	13	15	8	13	-	5	8	2	4	7
27	1	4	3	4	2	0	4	2	6	10	11	2	4
28	4	16	2	1	0	0	0	4	2	1	2	0	3
29	6	6	5	3	0	5	2	4	2	4	2	1	3
MEAN	3	3	2	3	3	2	2	2	2	2	3	2	2.5

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 35036			ISLINGTON/401		ETOBICOKE		MONTH - MAR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	10	2	0	2	2	0	2	6	3		
2	3	4	0	5	3	2	4	3	6	4	2	2		
3	4	1	5	0	2	4	9	2	6	3	2	5		
4	7	9	5	2	4	9	0	2	4	2	3	5		
5	3	7	5	11	16	3	3	6	0	2	4	0		
6	0	0	2	1	0	3	2	1	5	0	2	0		
7	0	4	2	2	2	2	1	0	4	0	2	3		
8	0	3	2	2	5	5	0	6	3	2	0	2		
9	0	11	9	13	11	2	5	0	0	0	0	3		
10	4	5	5	4	7	0	3	5	4	2	3	0		
11	7	0	0	5	7	9	0	2	2	3	2	4		
12	10	5	9	3	9	0	2	2	7	11	5	1		
13	5	7	0	2	0	3	0	0	2	3	5	0		
14	0	3	3	1	1	0	0	0	3	2	3	2		
15	0	3	2	2	0	5	0	1	0	2	0	2		
16	2	4	0	2	3	2	***	6	0	4	3	0		
17	11	0	2	0	5	4	0	7	0	5	0	7		
18	2	2	7	2	4	0	3	0	2	11	2	2		
19	7	3	15	2	5	2	0	3	0	2	2	2		
20	5	2	11	4	3	11	0	4	2	0	7	0		
21	0	0	2	0	7	2	0	2	0	8	2	3		
22	4	0	2	5	2	2	3	2	2	2	0	2		
23	3	0	0	2	5	***	3	0	0	0	2	4		
24	2	1	2	4	0	3	3	2	3	3	0	5		
25	0	2	0	3	2	7	2	0	2	3	0	5		
26	3	5	0	11	0	7	0	6	7	6	5	8		
27	16	9	8	0	2	3	2	0	3	0	2	2		
28	2	0	4	0	5	2	2	0	5	0	7	2		
29	3	2	2	5	2	5	0	3	2	2	0	0		
30	2	0	2	0	2	2	1	4	0	7	2	3		
31	0	3	2	1	5	0	7	0	2	5	4	4		
MEAN	3	3	4	3	4	3	2	2	2	3	3	3	3	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35036				ISLINGTON/401				ETOBICOKE				MONTH - APR 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN			
1	0	2	2	2	2	0	2	4	1	5	0	5				
2	3	2	2	2	3	3	2	***	2	0	2	0				
3	0	6	0	2	5	2	0	0	2	0	0	0				
4	2	0	3	0	5	0	0	3	2	0	2	0				
5	0	2	2	6	3	2	2	5	2	0	4	0				
6	5	0	3	0	0	0	2	4	0	5	0	0				
7	0	2	3	0	2	2	2	5	2	0	4	0				
8	3	0	0	0	0	0	3	6	2	0	0	2				
9	0	0	0	2	2	0	0	***	2	3	0	2				
10	0	0	4	0	2	0	0	0	2	0	3	0				
11	4	0	0	0	4	0	4	0	3	0	0	2				
12	0	0	2	5	0	3	0	3	2	0	2	3				
13	0	2	0	2	2	4	3	11	4	3	5	3				
14	5	4	5	11	3	2	6	4	5	3	0	6				
15	4	9	5	3	1	5	2	2	3	2	3	5				
16	2	2	0	3	0	0	3	0	2	2	2	0				
17	4	0	3	0	4	0	0	0	0	2	5	0				
18	7	0	2	0	0	0	5	2	0	0	0	0				
19	0	0	0	0	2	0	3	0	2	0	5	2				
20	0	3	0	0	0	0	0	3	0	0	0	0				
21	0	0	0	0	0	0	0	0	0	0	0	0				
22	5	0	0	3	0	3	0	***	2	2	0	0				
23	3	0	3	0	0	0	2	0	1	0	0	0				
24	2	0	0	0	0	0	2	0	2	0	0	0				
25	6	0	0	2	0	2	0	2	0	2	0	0				
26	0	0	0	0	0	0	0	0	0	0	0	0				
27	5	0	2	0	2	0	2	0	0	2	0	0				
28	2	0	0	0	2	0	0	2	0	0	0	0				
29	0	0	2	0	0	0	2	0	0	0	0	0				
30	0	0	0	0	3	0	***	0	0	0	1	0				
MEAN	2	1	1	1	2	1	2	2	1	1	1	1	1.4			

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - C NO 35036 ISLINGTON/401 ETOBICOKE							MONTH - MAY 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	0	5	2	0	2	0	0	5	1	2
2	4	2	2	0	0	3	0	2	0	0	2	0	1
3	0	0	0	1	0	3	0	2	0	0	2	0	1
4	0	0	3	0	0	2	0	0	0	0	0	0	1
5	2	0	0	2	0	3	0	0	2	0	0	0	1
6	5	1	0	3	0	3	0	0	0	0	0	0	1
7	2	0	0	2	0	3	3	0	0	0	3	2	2
8	0	0	0	5	0	0	0	0	4	0	3	0	1
9	0	0	2	2	2	3	0	0	0	2	0	0	1
10	0	0	0	2	0	0	2	0	1	3	0	2	1
							0	0	0	0	0	7	1
11	0	2	0	2	0	2	0	0	0	0	0	0	1
12	0	0	3	0	0	1	0	2	2	0	0	0	1
13	0	2	0	0	0	3	0	0	3	0	0	3	1
14	0	3	0	0	2	3	***	0	2	0	3	0	1
15	1	0	0	1	3	3	0	0	2	1	3	0	1
16	0	2	0	0	0	1	0	4	2	2	0	1	1
17	0	1	3	0	0	0	2	2	0	0	0	0	0
18	0	7	2	0	0	0	0	2	2	3	0	2	1
19	1	1	0	0	0	3	2	3	0	5	1	0	2
20	0	0	0	0	0	2	0	2	0	3	0	0	1
						1	2	0	2	0	1	1	1
21	2	0	0	4	0	2	***	1	0	0	2	2	1
22	0	0	9	3	0	2	0	3	2	0	0	3	2
23	3	0	2	0	2	0	0	0	0	0	0	2	1
24	3	1	0	0	0	0	2	0	0	0	0	0	1
25	2	0	2	0	0	5	0	2	0	0	0	0	1
26	2	0	1	3	0	1	0	0	0	2	0	0	1
27	3	0	2	2	0	0	0	0	0	2	0	0	1
28	2	0	0	3	0	0	0	0	3	0	1	0	1
29	2	1	0	7	0	5	2	2	0	0	0	1	1
30	0	3	0	0	2	0	4	2	2	0	2	0	1
									5	3	0	5	2
31	0	4	0	2	2	0	0	1	2	0	3	0	1
MEAN	1	1	1	1	1	2	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - C NO 35036 ISLINGTON/401 ETOBICOKE							MONTH - JUN 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	0	0	0	0	0	2	2	2	2	1
2	0	3	0	2	0	0	0	2	0	3	5	4	2
3	0	0	2	0	0	0	2	0	1	0	1	2	1
4	0	0	0	0	0	0	0	***	0	0	2	0	0
5	4	2	0	3	2	5	4	0	2	1	0	0	2
6	2	0	3	0	0	0	0	0	2	0	2	0	1
7	1	3	0	0	3	0	2	0	1	0	0	0	1
8	6	0	5	0	0	2	0	2	1	3	1	0	2
9	0	0	0	0	0	2	2	0	0	0	0	4	1
10	4	2	0	4	0	0	0	4	0	6	7	0	2
11	0	3	0	0	****	****	-	-	-	-	-	-	*****
12							-	-	-	-	-	-	
13							-	-	-	-	-	-	
14							-	-	-	-	-	-	
15							-	-	-	-	-	-	
16							-	-	-	-	-	-	
17							-	-	-	-	-	-	
18							-	-	-	-	-	-	
19							-	-	-	-	-	-	
20							-	-	-	-	-	-	
21							-	-	-	-	-	-	
22							-	-	-	-	-	-	
23							-	-	-	-	-	-	
24							-	-	-	-	-	-	
25							-	-	-	-	-	-	
26							-	-	-	-	-	-	
27							-	-	-	-	-	-	
28							-	-	-	-	-	-	
29							-	-	-	-	-	-	
30							-	-	-	-	-	-	
MEAN	2	1	1	1	1	1	1	1	1	2	2	1	1.2

PERCENTAGE OF DATA VALID - 34.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 65.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35036 ISLINGTON/401 ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.2	4	18
FEB	29	2.5	7	16
MAR	31	3.0	5	16
APR	30	1.4	5	11
MAY	31	1.1	2	9
JUN	10	1.2	2	7
YEAR	162	2.0	7	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35036 ISLINGTON/401 ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	317	52	0	1	0	0	0	370
FEB	293	41	10	1	0	0	0	345
MAR	282	75	11	2	0	0	0	370
APR	324	30	2	0	0	0	0	356
MAY	356	14	0	0	0	0	0	370
JUN	117	6	0	0	0	0	0	123
YEAR	1689	218	23	4	0	0	0	1934

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.6	0	0.0	0.0	1.2	2.0	4.4	5.8	8.4	10.5	18	2.0

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION -	C	NO 35050	MOE	LAB	RESOURCES	RD	ETOBICOKE	MONTH - JUN	76	20	22	24	MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	0	3	1	1	0	1	2	3	0	0	0	-	*****
13	3	0	0	0	5	0	0	1	6	3	0	-	1
14	0	2	0	0	2	0	0	0	2	0	0	-	1
15	2	0	0	2	0	0	0	1	0	0	0	-	0
16	0	0	2	0	3	2	0	4	2	0	5	-	1
17	3	0	2	3	0	0	3	0	0	0	3	-	1
18	0	0	1	***	0	2	1	3	5	0	0	-	1
19	1	2	0	0	0	0	2	3	3	0	0	-	1
20	0	3	0	2	4	0	2	0	3	1	0	-	1
21	0	0	1	0	5	0	2	0	0	0	3	-	1
22	6	2	0	0	4	0	0	0	0	1	3	-	1
23	0	2	2	0	0	2	4	3	0	5	3	-	2
24	2	0	0	2	2	0	2	2	2	0	2	-	1
25	0	0	0	0	0	3	0	0	2	0	0	-	0
26	4	0	0	6	0	2	0	2	0	1	4	-	2
27	0	0	0	2	0	4	2	0	2	1	0	-	1
28	4	0	0	0	***	0	0	5	0	2	0	-	1
29	0	2	0	2	8	0	2	0	4	0	2	-	2
30	0	0	3	0	2	0	5	2	0	3	2	-	2
MEAN	1	1	1	1	2	1	1	1	2	1	1	****	1.2

PERCENTAGE OF DATA VALID - 58.9

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 40.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION -	C	NO 35050	MOE	LAB	RESOURCES	RD	ETOBICOKE	MONTH - JUL	76	20	22	24	MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	5	0	0	0	0	0	0	0	-	0
2	0	0	0	0	0	0	1	0	2	3	0	-	1
3	0	2	0	0	1	4	0	2	0	0	2	-	1
4	1	0	2	0	0	2	3	2	0	5	1	-	1
5	0	3	5	0	3	2	0	2	0	0	2	-	2
6	1	3	0	0	***	0	0	0	2	0	1	-	1
7	0	2	4	0	0	6	0	2	0	4	0	-	2
8	4	2	0	2	0	0	0	0	0	6	8	-	2
9	0	0	0	0	0	1	1	0	3	2	2	-	1
10	0	6	0	0	0	4	0	0	0	0	0	-	1
11	1	2	2	0	0	1	3	0	0	0	1	-	1
12	0	0	2	4	0	2	1	0	0	0	0	-	1
13	6	0	2	0	0	0	***	6	1	4	3	-	2
14	0	4	2	6	5	0	2	2	0	0	0	-	2
15	0	0	2	0	0	1	0	0	3	0	0	-	1
16	4	0	2	0	0	6	0	2	2	0	2	-	2
17	0	2	0	0	0	2	2	0	2	3	2	-	1
18	0	2	2	1	6	3	0	0	0	0	1	-	1
19	2	0	3	0	4	7	2	0	0	0	0	-	2
20	2	0	0	2	****	2	5	4	0	0	2	-	2
21	3	0	5	0	0	0	3	2	0	2	4	-	2
22	0	8	5	0	0	0	0	2	2	2	1	-	2
23	2	0	2	0	3	0	2	0	0	0	0	-	1
24	0	0	0	0	0	8	2	0	0	4	4	-	2
25	6	1	1	2	3	3	0	2	2	0	1	-	2
26	0	1	0	0	0	0	2	2	0	1	0	-	1
27	0	0	0	2	2	2	0	2	5	3	0	-	1
28	0	2	1	0	***	2	2	2	0	2	4	-	2
29	0	0	0	2	0	0	5	5	0	0	0	-	1
30	2	1	1	0	2	0	2	5	1	4	0	-	2
31	3	0	0	2	0	0	0	0	0	2	7	-	1
MEAN	1	1	1	1	1	2	1	1	1	2	2	****	1.3

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	C	NO 35050	MOE	LAB	RESOURCES	RD	ETOBICOKE	MONTH -	AUG	76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	6	0	0	0	7	0	5	0	2	0	-	2	
2	2	0	0	0	0	0	0	4	3	0	0	-	1	
3	2	0	0	0	0	2	0	0	0	0	0	-	0	
4	0	2	0	2	0	0	2	0	0	0	0	-	1	
5	3	5	2	2	2	0	2	1	2	4	0	-	2	
6	2	4	2	2	2	2	0	0	0	1	0	-	1	
7	0	1	2	0	0	0	0	1	1	6	0	-	1	
8	4	0	2	0	0	0	0	0	2	0	2	-	1	
9	0	0	2	4	0	0	0	2	5	0	0	-	1	
10	0	4	0	0	2	0	2	0	2	2	4	-	1	
11	0	2	2	1	0	1	4	4	3	3	0	-	2	
12	0	0	2	2	0	2	0	0	0	4	0	-	1	
13	6	0	2	0	****	2	2	3	2	5	1	-	2	
14	6	0	2	1	2	3	0	3	0	0	2	-	2	
15	2	0	4	0	0	0	0	1	0	0	0	-	1	
16	0	0	0	0	2	0	4	0	3	0	0	-	1	
17	3	2	0	4	2	3	2	0	3	2	0	-	2	
18	0	2	2	0	2	0	0	1	0	0	0	-	1	
19	0	0	2	0	0	2	2	2	0	0	0	-	1	
20	0	3	2	0	2	****	2	3	2	0	2	-	2	
21	3	2	0	3	2	2	1	0	0	3	0	-	1	
22	3	1	2	0	3	0	2	3	6	0	1	-	2	
23	0	2	0	0	0	0	2	2	0	2	3	-	1	
24	0	1	0	0	3	1	0	3	0	0	5	-	1	
25	0	0	0	1	2	5	0	3	2	0	2	-	1	
26	6	2	0	3	1	0	1	0	0	0	2	-	1	
27	0	2	0	1	0	0	2	0	0	2	0	-	1	
28	0	2	2	1	1	0	0	2	0	3	0	-	1	
29	1	3	0	0	0	2	0	1	0	0	1	-	1	
30	2	0	3	0	4	0	0	0	3	0	3	-	1	
31	1	0	2	****	0	0	3	0	2	4	0	-	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	****	1.2	

PERCENTAGE OF DATA VALID - 90.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	C	NO 35050	MOE	LAB	RESOURCES	RD	ETOBICOKE	MONTH -	SEP	76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	0	0	0	2	3	5	3	0	-	1	
2	2	0	0	0	0	2	2	0	0	1	0	-	1	
3	0	0	0	0	3	0	0	0	0	0	0	-	0	
4	6	3	0	3	0	2	0	0	2	5	0	-	2	
5	2	0	0	2	0	0	0	0	2	0	5	-	1	
6	2	2	2	2	2	0	0	0	1	3	2	-	1	
7	2	3	0	0	0	0	4	0	5	0	0	-	1	
8	2	2	1	****	2	0	2	1	0	0	0	-	1	
9	0	2	4	6	0	5	0	3	0	6	0	-	1	
10	5	2	2	0	1	0	0	3	0	6	0	-	2	
11	0	0	2	0	0	0	3	0	2	2	0	-	1	
12	2	0	0	1	0	0	2	0	2	0	2	-	1	
13	0	2	0	0	0	0	2	0	5	0	0	-	1	
14	0	0	2	0	2	0	0	0	0	0	0	-	0	
15	0	2	2	5	0	3	2	2	0	0	2	-	2	
16	0	2	0	2	4	2	6	2	0	2	5	-	2	
17	0	2	0	0	2	0	0	0	2	2	2	-	1	
18	0	0	2	5	2	0	0	0	2	5	2	-	1	
19	0	4	0	2	1	2	0	2	0	1	1	-	2	
20	1	0	2	1	0	2	0	2	0	2	0	-	1	
21	0	1	2	****	0	2	1	1	1	2	2	-	1	
22	1	2	0	0	2	0	5	1	0	0	2	-	1	
23	0	0	2	2	0	2	0	2	0	2	0	-	1	
24	0	0	0	5	0	5	0	2	2	0	5	-	2	
25	0	0	0	2	2	2	2	0	0	2	2	-	1	
26	2	0	3	0	2	0	0	1	0	3	2	-	1	
27	3	0	2	2	0	0	2	0	4	0	2	-	1	
28	1	2	2	1	0	0	****	0	3	6	5	-	2	
29	0	0	0	2	0	1	0	0	0	5	0	-	2	
30	0	2	0	2	0	1	2	0	0	2	3	-	1	
MEAN	1	1	1	2	1	1	1	1	2	2	1	****	1.2	

PERCENTAGE OF DATA VALID - 90.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE MONTH - OCT 76													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	0	0	0	0	2	0	3	2	-	1
2	2	1	0	1	0	1	4	0	0	2	0	-	1
3	1	0	0	0	1	3	0	2	1	2	0	-	1
4	0	3	0	0	0	3	0	0	0	0	2	-	1
5	1	0	0	2	0	2	***	0	2	0	1	-	1
6	0	1	0	2	2	0	0	0	0	0	1	-	1
7	1	0	0	1	0	0	0	0	0	0	1	-	1
8	0	0	2	2	0	0	0	2	0	0	2	-	0
9	0	0	0	0	1	0	1	1	0	0	0	-	1
10	2	0	2	2	0	0	2	2	2	2	2	-	1
												-	1
11	0	0	0	0	0	0	0	0	0	0	0	-	0
12	0	2	2	2	0	0	0	0	2	0	0	-	1
13	0	0	0	2	1	2	0	0	0	2	0	-	1
14	0	0	1	0	0	0	1	1	1	2	1	-	1
15	2	0	0	2	***	0	0	0	0	0	0	-	0
16	0	0	0	0	0	0	0	0	0	0	2	-	0
17	0	0	2	0	0	0	0	2	0	0	0	-	0
18	2	0	0	0	0	2	0	0	0	0	0	-	0
19	0	0	2	1	0	2	0	2	0	0	0	-	0
20	0	2	0	0	0	0	2	0	0	0	0	-	0
												-	0
21	1	0	0	1	2	0	2	2	0	0	0	-	1
22	0	0	0	0	0	0	2	0	0	0	2	-	0
23	0	1	2	1	0	0	0	0	2	0	2	-	1
24	2	0	0	0	0	0	0	0	0	0	2	-	1
25	2	0	0	0	***	0	0	0	0	0	0	-	0
26	0	1	2	0	1	3	0	1	4	0	0	-	1
27	0	0	1	0	3	2	2	5	0	0	0	-	1
28	0	2	0	1	2	0	1	0	2	1	0	-	1
29	0	6	0	0	0	0	0	0	0	0	0	-	0
30	3	0	17	1	10	***	8	5	0	5	3	-	3
												-	6
31	6	4	0	0	2	0	3	0	5	1	2	-	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	****	0.9

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - C NO 35050			MOE LAB RESOURCES RD			ETOBICOKE		MONTH - NOV 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	9	5	7	0	2	5	0	13	13	7	-	6		
2	13	15	14	9	9	0	5	2	4	5	3	-	7		
3	3	4	13	5	7	2	3	6	7	9	***	-	6		
4	10	2	8	23	6	3	7	2	7	4	3	-	7		
5	6	7	5	2	0	***	2	5	5	5	2	-	4		
6	0	3	1	***	***	***	***	***	***	***	***	-	*****		
7	***	***	***	***	***	***	***	***	***	***	***	-	*****		
8	3	0	11	4	0	4	2	5	5	1	3	-	3		
9	0	3	7	7	2	3	0	-	-	-	-	-	*****		
10															
									</						

PERCENTAGE OF DATA VALID - 64.7

PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 29.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35050		MOE LAB RESOURCES RD		ETOBICOKE		MONTH - DEC 76									
HOUR	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
DAY															
1	3	0	5	9	2	3	****	6	7	5	7	-	5		
2	3	3	2	2	4	4	2	2	2	3	4	-	3		
3	0	5	12	10	6	8	1	2	2	3	4	-	6		
4	4	2	6	4	6	2	2	8	8	7	4	-	5		
5	0	5	6	3	3	3	1	7	5	8	9	-	5		
6	9	12	4	8	2	4	2	3	9	2	4	-	5		
7	3	6	4	2	0	3	0	2	3	2	0	-	2		
8	2	1	2	6	2	4	****	2	3	7	2	-	3		
9	1	2	5	1	2	9	8	4	5	6	4	-	4		
10	6	6	7	2	2	5	1	6	4	2	4	-	4		
11	2	1	7	0	1	0	2	5	2	3	1	-	2		
12	4	5	2	4	6	5	3	7	1	0	2	-	4		
13	2	5	0	7	3	4	2	6	5	5	2	-	4		
14	2	2	2	2	2	1	2	1	2	2	5	-	2		
15	0	4	3	6	7	3	2	11	7	13	10	-	6		
16	11	7	8	10	6	8	11	8	6	8	2	-	8		
17	1	4	2	6	6	6	****	2	4	0	5	-	4		
18	3	2	2	0	2	1	6	9	2	5	0	-	3		
19	3	3	11	9	5	1	8	10	16	23	26	-	10		
20	9	5	8	16	20	5	0	0	2	23	2	-	6		
21	2	0	4	0	0	0	3	0	2	0	4	-	1		
22	2	0	2	1	3	3	1	1	2	3	3	-	2		
23	5	2	2	3	5	2	2	2	0	2	0	-	2		
24	2	1	3	1	0	1	0	7	2	3	3	-	2		
25	8	4	4	5	1	6	2	3	9	1	5	-	4		
26	0	3	2	5	2	7	6	5	2	3	2	-	3		
27	0	0	5	0	2	0	2	2	2	3	2	-	2		
28	1	0	3	0	6	0	3	2	2	5	3	-	2		
29	8	3	7	6	5	3	3	0	3	7	5	-	3		
30	2	1	6	8	0	6	****	4	9	2	5	-	4		
31	1	1	2	0	0	3	4	2	2	1	2	-	2		
MEAN	3	3	4	4	4	4	3	4	4	5	4	****	3.9		

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	19	1.2	2	8
JUL	31	1.3	2	8
AUG	31	1.2	2	7
SEP	30	1.2	2	7
OCT	31	0.9	6	17
NOV	20	4.2	7	23
DEC	31	3.9	10	26
YEAR	193	1.9	10	26

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	201	11	0	0	0	0	0	212
JUL	312	25	0	0	0	0	0	337
AUG	325	13	0	0	0	0	0	338
SEP	304	23	0	0	0	0	0	327
OCT	325	11	0	1	0	0	0	337
NOV	143	74	15	0	1	0	0	233
DEC	220	105	7	3	2	0	0	337
YEAR	1830	262	22	4	3	0	0	2121

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82.6	0	0.0	0.0	0.9	1.9	4.8	6.4	8.7	11.0	26	1.9

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	2	9	7	5	9	1	4	2	4	0	2	4
2	6	0	0	0	2	1	6	4	4	7	2	0	3
3	8	2	2	4	2	4	3	7	3	0	0	0	3
4	0	0	2	3	8	20	5	5	2	0	3	5	4
5	0	4	2	4	5	2	0	4	3	4	9	3	3
6	9	0	3	6	3	3	4	4	8	15	9	6	6
7	4	5	3	2	1	0	8	7	8	3	9	0	4
8	3	2	0	5	1	2	4	0	7	0	0	0	2
9	2	0	2	3	6	0	5	7	2	3	6	3	3
10	0	4	3	2	2	5	4	3	2	9	5	8	4
11	2	4	9	2	3	2	3	0	4	9	15	7	5
12	2	0	7	4	5	0	11	1	3	0	3	5	3
13	0	0	0	3	3	6	5	9	0	2	3	3	3
14	2	0	4	2	5	2	3	0	0	6	1	1	2
15	0	2	2	2	1	3	****	0	0	4	5	2	2
16	0	4	3	0	1	2	0	2	0	2	2	5	2
17	5	3	1	6	5	3	8	11	4	5	2	1	5
18	2	0	2	3	3	4	2	2	1	4	5	1	2
19	1	7	8	1	2	5	7	6	3	1	2	5	4
20	0	2	3	4	2	3	5	0	0	0	1	5	2
21	0	2	2	3	2	5	4	7	3	3	1	3	3
22	2	2	2	3	0	1	9	12	3	0	2	8	4
23	7	6	9	10	14	10	6	15	13	16	33	16	13
24	16	9	7	12	14	15	5	9	3	5	7	7	9
25	11	7	5	9	5	22	6	2	1	2	2	1	6
26	4	3	11	6	7	9	4	4	7	13	6	7	7
27	4	3	0	9	4	****	10	0	11	4	11	7	6
28	1	2	5	3	0	3	3	3	8	11	3	5	4
29	4	0	19	23	38	0	1	4	3	2	0	5	8
30	2	4	8	8	3	10	3	0	6	0	0	5	4
31	10	4	16	4	4	13	6	5	3	9	2	0	6
MEAN	4	3	5	5	5	5	5	4	4	5	5	4	4.4

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	5	0	7	0	2	0	1	2	2
2	1	3	0	3	0	7	1	7	2	3	0	5	3
3	2	9	2	4	5	2	8	3	5	3	9	5	5
4	12	9	8	0	0	0	0	0	2	0	7	3	3
5	0	3	6	5	4	5	7	9	7	3	4	9	5
6	3	5	9	3	6	2	3	0	0	2	7	2	4
7	4	0	2	2	4	5	2	2	2	0	2	0	2
8	0	2	4	2	0	0	0	2	0	4	1	0	1
9	2	3	2	3	7	3	0	0	7	2	5	2	3
10	2	3	4	0	5	9	3	5	6	11	0	5	4
11	7	2	3	3	27	23	9	10	11	6	5	3	9
12	0	3	3	3	23	5	4	7	13	16	9	3	7
13	0	14	3	17	28	7	0	25	8	3	27	4	11
14	3	3	5	14	10	3	5	4	9	15	4	3	7
15	3	6	3	9	17	7	5	3	7	3	3	3	6
16	0	2	5	5	23	15	7	2	5	5	4	4	6
17	4	2	5	0	2	2	0	0	5	3	2	4	2
18	2	5	0	2	2	7	3	8	2	7	0	2	3
19	0	2	0	4	2	0	2	3	5	0	4	3	2
20	0	2	2	2	2	2	1	4	0	0	4	7	2
21	8	2	5	3	10	0	3	2	3	4	5	5	4
22	0	7	0	2	1	0	3	3	8	0	2	2	2
23	0	3	2	3	5	0	4	1	2	2	0	2	2
24	0	0	5	2	3	0	****	0	2	5	4	2	2
25	6	5	5	6	2	5	2	4	7	4	6	7	5
26	5	2	9	11	10	10	4	0	5	5	6	2	6
27	2	7	0	7	3	2	2	4	2	2	0	2	3
28	3	2	2	0	0	0	5	2	0	0	3	5	2
29	2	6	0	2	2	3	2	0	3	0	4	2	2
MEAN	3	4	3	4	7	4	3	4	4	4	4	3	4.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	4	2	4	2	0	3	0	3	0	4	2
2	1	2	0	2	2	2	1	2	1	2	0	2	1
3	0	0	3	0	2	0	2	2	4	2	7	2	2
4	2	4	3	6	2	4	2	0	4	2	3	4	3
5	0	4	6	6	2	4	3	1	0	0	3	0	2
6	2	0	2	2	0	5	2	0	2	3	4	3	2
7	4	3	4	3	0	0	4	0	2	2	0	0	2
8	1	2	2	4	4	0	2	2	2	2	0	0	2
9	8	6	5	4	6	2	***	***	2	0	3	6	2
10	5	5	5	2	5	1	5	1	6	0	1	3	4
11	1	1	3	3	1	0	1	0	1	0	5	3	3
12	1	0	1	0	0	9	3	5	3	3	0	7	2
13	1	9	1	4	3	1	0	0	0	1	0	2	3
14	1	7	1	1	1	2	3	1	2	3	0	1	2
15	0	1	0	3	1	1	0	0	1	3	0	1	2
16	1	1	7	0	1	1	7	1	1	1	0	1	1
17	0	1	3	1	1	0	0	9	0	0	0	3	2
18	3	3	3	0	5	0	3	0	1	0	7	5	2
19	3	5	7	1	5	0	3	0	5	5	0	2	2
20	1	4	1	5	0	5	0	7	1	1	1	0	2
21	0	1	1	1	3	0	1	0	0	0	0	0	1
22	1	0	3	1	1	0	1	10	21	3	1	0	4
23	3	0	3	0	7	3	5	0	0	1	1	1	2
24	3	1	0	2	13	5	5	7	1	7	5	3	4
25	3	0	0	1	17	7	5	2	3	2	1	7	4
26	0	2	0	0	2	3	0	0	0	2	8	2	2
27	5	3	7	4	11	3	7	2	5	2	2	1	4
28	2	0	5	0	2	0	3	4	2	3	2	2	2
29	5	2	3	2	3	2	1	2	0	7	2	1	3
30	0	2	1	0	5	0	8	0	0	6	3	2	2
31	0	4	0	5	2	3	2	0	7	3	2	2	3
MEAN	2	2	3	2	4	2	3	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	4	4	2	2	7	10	2	7	3	4	4
2	2	4	0	0	9	2	8	3	2	5	0	2	3
3	0	3	4	0	3	0	2	0	1	3	0	1	1
4	1	2	0	0	7	2	2	2	3	1	0	6	2
5	4	1	0	0	6	2	***	3	0	2	3	0	2
6	6	0	0	5	0	8	3	7	0	3	2	6	3
7	4	2	1	7	3	0	2	3	0	2	2	6	3
8	2	2	2	2	5	9	0	2	5	0	0	0	2
9	4	0	0	3	2	6	4	0	3	6	8	2	3
10	0	5	2	0	5	0	8	7	2	8	5	2	4
11	2	2	4	2	1	0	5	2	0	2	2	2	2
12	0	3	0	2	0	9	0	0	0	2	8	3	2
13	0	5	7	2	0	0	2	2	5	3	0	7	3
14	2	0	7	2	11	0	2	3	3	0	3	0	3
15	3	1	3	5	0	4	0	0	5	5	0	3	3
16	0	3	2	2	4	0	2	0	3	3	3	0	2
17	2	0	2	5	2	0	2	0	3	5	5	0	2
18	3	4	7	2	0	2	3	0	2	2	5	7	3
19	0	2	2	5	2	2	0	0	3	0	0	2	2
20	3	3	0	0	2	0	***	***	2	2	9	0	2
21	2	3	0	1	0	3	5	1	2	3	11	3	3
22	0	0	5	0	7	3	1	0	3	1	5	0	2
23	2	5	5	0	3	1	0	0	2	3	3	7	3
24	9	2	2	3	1	0	0	0	3	3	0	2	2
25	2	2	0	3	5	9	3	0	1	0	3	2	3
26							- DATA INVALID -						
27							- DATA INVALID -						
28	0	3	5	3	0	2	1	9	3	3	3	0	3
29	2	3	0	0	***	-	-	-	-	-	-	-	*****
30	-	-	-	-	-	3	0	0	5	0	2	5	*****
MEAN	2	2	2	2	3	3	2	2	2	3	3	3	2.5

PERCENTAGE OF DATA VALID - 88.9

PERCENTAGE OF DATA INVALID - 11.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	5	2	0	2	3	0	0	0	0	1
2	3	0	0	3	3	0	5	3	0	0	0	0	2
3	0	0	4	2	2	2	0	0	2	3	0	0	1
4	2	0	3	0	0	0	2	2	3	0	3	0	1
5	3	0	9	0	0	0	2	0	3	4	0	2	2
6	3	2	0	2	0	3	1	0	3	2	0	5	2
7	0	0	0	0	0	2	3	1	1	5	3	2	1
8	0	2	0	0	0	5	0	5	2	2	2	0	1
9	9	0	2	0	2	2	0	0	0	0	9	5	2
10	0	0	2	2	2	3	2	2	0	2	0	0	1
11	3	2	2	0	3	3	2	3	3	5	2	2	3
12	4	0	2	0	4	2	2	0	0	7	3	0	2
13	4	2	0	2	7	2	0	3	0	5	0	0	2
14	0	0	5	1	0	2	3	2	2	3	5	6	2
15	7	0	0	0	7	2	3	3	0	4	2	2	3
16	0	8	3	0	0	4	0	5	2	9	4	0	3
17	2	2	0	4	0	****	6	5	6	0	6	0	3
18	2	0	0	6	4	0	2	0	4	0	2	0	3
19	2	0	2	3	2	0	3	0	6	2	5	0	2
20	0	0	0	4	2	4	2	1	5	0	4	2	2
21	0	0	0	0	4	2	3	0	0	0	1	3	1
22	0	4	0	0	0	6	0	5	2	1	2	0	2
23	2	4	0	0	4	1	1	0	0	0	0	0	1
24	0	0	2	0	0	2	3	1	4	0	6	0	2
25	0	3	0	2	1	0	0	0	0	1	2	2	1
26	0	3	0	0	5	4	5	0	2	0	5	2	2
27	4	3	6	5	0	4	4	0	2	0	2	4	3
28	0	0	4	9	0	4	0	3	0	0	0	0	2
29	1	0	2	2	6	2	2	0	2	2	0	4	2
30	6	2	4	0	0	6	2	0	0	2	0	1	2
31	0	0	2	0	1	2	****	2	5	4	4	0	2
MEAN	2	1	2	2	2	2	2	2	2	2	2	1	1.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	1	2	0	4	0	5	0	2	0	0	3	2
2	0	0	5	3	0	2	4	1	2	2	2	0	2
3	4	0	3	3	2	0	0	0	3	0	0	3	2
4	2	4	0	4	0	0	2	1	3	2	0	0	2
5	0	1	3	0	0	4	0	1	0	0	4	0	1
6	2	0	0	4	2	1	0	1	0	0	1	2	1
7	0	3	1	0	4	0	2	0	0	6	0	1	1
8	2	0	2	4	0	3	0	0	0	0	5	6	2
9	4	0	2	0	6	1	0	0	2	3	1	0	2
10	8	0	0	0	4	0	0	3	0	4	0	0	2
11	2	3	0	6	2	0	3	3	0	0	5	0	2
12	0	0	5	0	2	2	0	2	2	2	0	0	1
13	2	0	2	0	2	4	2	1	4	5	0	4	2
14	0	2	0	3	0	1	3	0	2	2	0	1	1
15	0	0	0	3	0	3	0	1	2	3	0	2	1
16	1	5	2	2	0	3	0	0	0	0	2	0	1
17	3	2	0	3	2	0	3	2	0	0	3	0	2
18	0	2	3	2	3	0	3	0	3	4	2	2	2
19	0	2	4	3	2	1	3	0	0	2	0	0	1
20	0	2	2	0	2	2	0	0	0	3	3	0	1
21	5	2	5	0	2	2	0	1	2	5	2	3	2
22	0	1	0	5	0	3	0	2	2	0	3	0	1
23	0	0	0	0	0	3	0	2	2	3	2	0	1
24	0	2	5	2	0	2	0	6	0	3	0	0	2
25	0	0	5	0	0	9	3	0	0	1	0	5	2
26	1	0	5	0	0	2	0	0	0	5	0	0	1
27	1	3	0	2	0	3	0	0	0	0	0	3	1
28	2	2	0	3	0	0	2	0	0	0	0	3	1
29	0	2	0	2	0	2	2	0	0	3	2	3	2
30	5	0	3	0	0	2	2	0	1	2	1	3	1
MEAN	2	1	2	2	1	2	1	1	1	2	1	1	1.5

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	5	0	0	2	1	4	0	0	2	0	1
2	0	0	3	0	2	3	2	3	1	0	1	0	1
3	1	0	2	1	0	0	0	1	0	2	0	2	1
4	2	2	0	2	0	2	1	0	1	1	1	1	1
5	2	0	2	1	4	0	3	0	1	2	1	3	2
6	1	0	1	4	2	0	2	0	0	0	3	0	1
7	0	2	0	3	1	4	1	0	2	0	2	0	1
8	2	4	0	6	0	3	2	0	2	0	2	0	1
9	0	4	2	0	3	0	3	0	2	0	2	2	2
10	2	0	2	2	0	0	2	2	4	3	0	0	1
11	0	0	6	0	0	3	2	0	2	2	1	1	1
12	1	0	0	2	0	***	1	0	2	0	0	2	1
13	0	0	0	0	2	0	2	0	2	0	3	3	1
14	0	1	3	0	2	0	3	0	0	1	0	2	1
15	0	1	0	3	1	1	2	1	0	0	1	3	1
16	1	0	2	5	5	1	2	0	0	0	1	3	2
17	0	3	0	0	0	0	0	3	2	3	0	0	1
18	3	0	0	7	2	0	2	0	2	0	0	4	2
19	3	0	2	0	0	2	0	1	4	0	1	1	1
20	0	1	2	2	2	1	0	2	0	0	5	2	1
21	0	0	0	0	2	0	3	0	2	2	2	2	1
22	0	7	0	0	3	0	2	3	0	2	1	0	2
23	5	0	0	5	2	0	5	0	1	7	1	2	2
24	3	0	3	2	2	4	4	0	3	2	1	0	2
25	4	0	2	0	2	0	0	0	0	0	1	2	1
26	0	0	2	2	0	***	1	0	2	0	4	0	1
27	3	0	1	0	0	2	0	2	1	0	0	2	1
28	2	0	1	3	0	0	2	0	0	3	0	2	1
29	2	0	0	0	0	0	3	0	0	0	0	2	1
30	1	2	3	2	0	4	2	0	1	0	0	0	0
31	2	0	0	2	2	0	0	1	2	0	2	0	1
MEAN	1	1	1	2	1	1	2	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	4	0	0	0	0	0	0	0	0	1
2	0	2	0	2	0	1	0	0	1	3	0	3	1
3	2	2	0	0	0	0	0	0	5	2	0	0	1
4	0	0	2	2	5	2	0	3	1	1	1	2	2
5	0	2	1	3	2	2	3	0	0	3	2	3	2
6	1	1	0	1	0	0	0	2	0	2	0	2	1
7	0	4	0	1	2	2	3	0	2	3	0	2	2
8	4	2	3	2	2	0	8	2	0	3	1	2	2
9	1	0	1	3	0	2	2	1	2	3	2	2	2
10	5	0	3	8	1	2	2	0	7	0	2	3	3
11	0	0	2	2	2	0	0	0	2	0	0	0	1
12	0	2	0	0	0	***	5	4	2	4	3	2	2
13	5	5	2	0	3	0	4	0	0	0	3	4	2
14	8	0	3	3	2	0	2	0	0	2	2	3	2
15	0	0	2	4	0	2	0	3	0	2	2	3	2
16	0	0	3	2	0	5	0	3	2	2	0	3	2
17	0	3	2	7	3	3	0	0	2	3	2	2	2
18	2	0	3	13	0	4	0	3	4	0	3	8	3
19	2	3	11	6	5	2	5	2	2	1	2	10	4
20	7	3	5	12	3	0	2	2	3	3	9	5	5
21	5	5	7	3	2	3	3	3	0	5	6	3	4
22	3	3	7	3	2	2	0	7	0	2	4	2	3
23	-	-	-	-	-	-	-	3	2	2	0	0	*****
24	3	0	3	0	0	0	2	3	0	0	7	0	2
25	7	3	7	13	4	8	5	1	7	0	10	9	6
26	1	9	5	9	14	***	9	4	3	0	7	7	6
27	4	5	4	0	6	3	***	4	5	4	12	8	5
28	3	6	2	2	9	6	2	5	3	9	7	2	5
29	3	0	0	0	0	2	1	1	0	2	3	0	1
30	2	3	5	4	0	2	2	0	3	0	2	6	2
31	7	2	5	11	1	4	2	3	2	5	0	2	4
MEAN	3	2	3	4	2	2	2	2	2	2	3	3	2.5

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	3	6	6	2	0	0	1	3	2	0	3
2	0	3	2	0	0	3	3	2	0	1	2	8	2
3	7	11	10	15	8	3	6	5	0	5	9	2	7
4	3	6	0	3	2	6	4	0	0	2	2	2	3
5	1	3	1	0	0	1	2	0	0	2	0	5	1
6	4	2	4	0	2	0	3	0	0	5	2	0	2
7	0	3	0	3	-	1	4	10	1	5	4	5	3
8	4	6	4	11	7	8	7	6	3	6	10	4	6
9	4	10	9	0	14	3	9	3	3	4	10	4	6
10	4	0	2	6	0	3	0	4	2	2	2	0	2
11	1	0	2	0	0	2	0	0	2	3	0	8	2
12	3	3	0	1	0	2	2	1	0	0	3	2	1
13	4	2	0	7	0	4	2	6	0	2	0	2	2
14	3	3	1	2	2	0	4	0	0	0	3	2	2
15	3	3	8	9	7	4	****	6	0	3	11	4	5
16	4	3	3	4	3	3	4	0	6	0	3	1	3
17	6	0	2	2	4	4	0	3	5	2	1	9	3
18	3	0	0	3	0	4	2	3	2	0	3	0	2
19	4	2	1	2	2	2	0	0	4	2	2	2	2
20	6	0	9	9	6	4	0	4	4	0	0	1	4
21	0	4	3	7	5	1	0	4	0	0	2	0	2
22	0	0	1	1	0	2	4	0	1	2	6	2	2
23	0	5	2	8	2	4	0	0	2	0	2	0	2
24	3	0	2	6	2	1	1	0	0	1	10	0	2
25	0	2	5	5	3	1	3	2	4	0	0	1	2
26	0	2	3	3	4	3	0	0	2	2	1	0	2
27	2	2	1	3	4	0	1	2	0	3	9	4	2
28	1	6	2	6	3	4	0	0	0	3	2	1	3
29	0	2	19	0	7	2	4	0	0	3	2	1	2
30	0	3	4	15	5	5	6	0	1	2	10	6	5
MEAN	3	3	3	5	3	3	2	2	1	2	4	3	2.8

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007

2037 PINE ST BURLINGTON

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	7	8	5	3	****	5	2	5	5	2	2	5
2	2	2	7	6	8	2	5	4	2	4	2	9	4
3	9	9	5	5	2	6	2	2	0	9	2	2	4
4	4	3	9	9	8	3	1	0	4	7	9	2	5
5	9	3	9	9	9	3	2	9	5	9	8	9	7
6	9	2	9	9	4	6	3	3	8	5	0	0	5
7	3	5	3	2	3	0	1	1	0	2	7	0	2
8	0	1	3	2	0	2	1	6	3	2	5	2	2
9	5	0	0	5	3	3	0	3	0	0	2	1	2
10	2	8	1	6	0	2	2	4	2	5	4	2	3
11	2	8	2	9	4	5	4	0	3	0	9	9	5
12	4	4	6	9	9	8	4	6	4	7	9	2	6
13	6	9	2	3	6	0	0	1	4	0	0	3	3
14	2	2	0	0	6	0	2	0	4	0	5	4	2
15	0	5	4	0	1	2	0	1	2	0	0	2	3
16	1	3	0	3	0	0	2	2	0	2	0	2	1
17	0	0	2	0	1	4	0	0	3	3	0	7	2
18	2	0	0	7	3	2	2	3	0	1	1	3	1
19	2	2	0	4	2	6	0	8	2	9	6	3	3
20	1	0	0	6	6	5	7	6	2	4	8	0	4
21	3	4	0	1	3	0	0	4	2	0	0	8	2
22	0	0	3	0	2	0	0	0	0	0	2	5	1
23	0	2	0	3	2	0	0	2	2	9	4	4	2
24	5	2	0	0	2	2	1	6	2	3	2	2	2
25	0	0	4	4	2	4	2	2	1	1	2	9	3
26	0	4	4	4	2	4	0	0	6	7	0	0	3
27	2	0	8	2	0	0	0	3	4	3	2	2	2
28	6	2	0	7	4	1	2	0	2	1	1	2	2
29	1	3	2	2	4	2	2	1	2	5	0	6	3
30	0	3	0	7	1	2	0	6	3	6	3	9	3
31	0	2	8	2	3	1	2	0	0	2	3	6	2
MEAN	3	3	3	4	3	3	2	3	2	4	3	4	3.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	6	5	0	0	6	2	8	5	3	3
2	2	2	4	9	7	5	3	3	5	2	0	5	4
3	4	0	5	7	3	2	0	1	0	0	2	8	3
4	7	4	4	3	3	2	8	5	0	0	2	7	4
5	2	2	6	7	6	2	6	0	1	3	3	4	4
6	1	2	4	4	5	3	0	0	1	0	2	1	2
7	2	2	4	0	0	0	0	2	0	6	0	1	1
8	0	0	6	1	2	1	0	0	6	2	4	6	2
9	5	1	5	7	0	4	5	8	4	10	4	12	5
10	4	0	3	2	6	1	0	3	0	0	1	3	2
11	1	1	7	6	0	0	4	0	0	0	2	0	2
12	4	0	4	0	6	3	0	0	2	4	0	4	2
13	2	1	0	8	4	2	2	3	0	4	5	0	3
14	3	1	0	2	0	4	3	4	1	9	0	2	2
15	2	2	2	4	0	0	***	9	4	8	5	2	2
16	0	2	3	4	2	1	2	2	1	2	3	2	3
17	2	5	7	2	6	4	3	0	3	2	3	2	2
18	5	4	4	4	2	2	3	0	2	3	1	2	3
19	2	2	2	4	2	0	0	3	2	3	0	2	3
20	2	2	1	1	2	2	0	0	0	2	10	40	6
21	2	0	0	0	1	5	3	1	0	0	4	0	1
22	3	0	2	0	0	3	0	2	0	4	0	3	1
23	1	0	4	2	2	0	8	0	0	2	1	4	2
24	6	2	4	2	2	2	2	0	8	0	2	1	3
25	2	1	0	1	6	2	3	4	4	2	0	6	3
26	3	7	2	0	0	2	1	4	2	2	3	4	3
27	0	4	6	2	3	1	2	2	1	0	2	0	3
28	1	1	2	2	0	0	0	0	6	5	2	0	2
29	0	1	0	3	2	0	***	4	0	0	5	2	2
30	0	0	0	0	2	1	1	2	0	3	1	4	1
MEAN	2	2	3	3	3	2	2	2	2	3	2	4	2.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	8	3	3	5	5	4	2	0	4	4	3
2	3	2	0	7	2	0	1	1	0	3	0	0	2
3	0	4	0	5	3	5	1	2	1	8	4	0	3
4	4	2	2	0	1	0	2	0	4	1	6	0	2
5	0	1	2	0	6	0	1	0	5	2	4	4	2
6	6	2	2	3	3	3	5	2	5	2	2	1	2
7	4	1	4	0	5	3	0	0	1	2	1	1	3
8	0	4	4	2	5	5	0	0	1	2	1	1	2
9	1	2	2	0	1	0	4	1	8	4	5	10	2
10	5	6	2	4	0	2	7	1	2	0	3	0	3
11	2	2	0	0	0	3	0	4	4	4	1	0	2
12	2	2	2	2	1	5	2	3	2	0	3	0	2
13	3	2	0	4	0	2	3	0	2	2	1	2	2
14	0	3	0	0	7	2	***	3	3	0	0	2	2
15	0	0	2	2	4	7	4	4	5	12	10	9	5
16	9	10	8	6	10	2	7	7	10	6	6	5	7
17	1	2	1	3	3	2	0	6	0	0	0	3	2
18	2	2	0	0	1	0	3	3	0	0	0	2	1
19	6	8	4	10	2	6	2	12	8	11	14	11	8
20	6	11	9	8	6	4	5	0	0	1	4	2	5
21	3	0	1	0	2	3	0	3	0	3	3	1	2
22	0	0	0	0	2	4	2	0	4	0	0	2	1
23	1	0	2	2	1	5	2	0	2	0	1	6	2
24	0	6	0	2	2	6	1	0	2	0	4	0	2
25	5	2	3	3	4	2	2	2	3	2	7	4	3
26	2	0	5	0	2	6	2	0	0	0	2	0	2
27	6	0	0	0	0	0	1	1	4	2	0	2	1
28	0	2	2	4	5	4	5	5	2	3	4	2	3
29	0	2	3	2	1	2	3	0	0	2	2	3	2
30	2	2	4	5	1	6	***	3	1	0	0	0	2
31	2	2	0	3	0	2	1	2	3	0	8	2	2
MEAN	2	3	2	3	3	3	2	2	3	2	3	3	2.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.4	13	38
FEB	29	4.0	11	28
MAR	31	2.4	4	21
APR	26	2.5	4	11
MAY	31	1.8	3	9
JUN	30	1.5	2	9
JUL	31	1.2	2	7
AUG	30	2.5	6	14
SEP	30	2.8	7	19
OCT	31	3.1	7	9
NOV	30	2.5	6	40
DEC	31	2.6	8	14
YEAR	361	2.6	13	40

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	235	107	18	6	2	2	0	370
FEB	232	96	9	3	7	0	0	347
MAR	305	60	2	1	1	0	0	369
APR	255	63	2	0	0	0	0	320
MAY	327	43	0	0	0	0	0	370
JUN	336	24	0	0	0	0	0	360
JUL	358	12	0	0	0	0	0	370
AUG	298	57	7	0	0	0	0	362
SEP	288	63	6	1	0	0	0	358
OCT	274	97	0	0	0	0	0	371
NOV	298	58	1	0	0	1	0	358
DEC	299	65	6	0	0	0	0	370
YEAR	3505	745	51	11	10	3	0	4325

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.5	0	0.0	0.0	1.5	2.8	5.8	7.8	9.6	12.4	40	2.6



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14	3	0	2	2	0	-	0	3	5	2	2	5	*****
15	3	2	0	5	2	0	3	3	3	8	10	3	2
16	0	1	5	3	5	1	2	2	0	1	2	2	4
17	2	4	2	0	2	5	1	2	5	9	6	5	2
18	2	2	2	2	2	1	0	2	4	13	14	8	4
19	5	5	5	9	7	2	3	3	6	4	3	3	4
20	3	2	2	3	2	2	0	1	1	1	3	3	5
21	0	3	1	3	3	5	3	3	2	2	1	1	2
22	0	2	1	2	5	2	4	2	2	1	5	5	3
23	7	5	2	4	6	3	***	21	3	0	13	2	6
24	4	4	1	2	0	4	7	9	0	4	11	4	4
25	4	7	3	7	0	4	10	5	3	0	3	4	4
26	2	5	0	0	7	6	6	14	3	3	3	4	4
27	2	4	0	3	2	2	4	2	0	3	3	0	4
28	0	3	0	9	2	4	0	2	8	1	2	5	3
29	0	3	0	6	2	2	0	2	4	8	0	7	3
30	0	11	3	7	0	6	2	1	0	2	7	4	4
31	0	5	11	4	11	4	4	0	5	2	3	3	4
MEAN	2	4	2	4	3	3	3	4	3	4	5	4	3.4

PERCENTAGE OF DATA VALID - 59.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 40.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	11	6	0	6	2	4	7	5	2	0	2	4
2	2	0	3	1	2	0	0	2	5	4	5	3	2
3	0	2	5	5	7	3	7	3	2	2	5	9	4
4	9	2	6	0	5	0	2	7	0	3	7	3	4
5	2	3	0	2	5	9	6	2	0	2	0	5	3
6	0	5	13	5	5	0	2	2	8	3	2	3	4
7	4	0	3	3	3	2	0	0	0	3	2	3	4
8	3	5	0	2	0	0	0	0	0	0	3	0	2
9	0	0	0	3	2	5	0	2	4	0	0	0	1
10	0	0	2	3	7	3	3	0	4	4	11	3	3
11	3	0	0	2	5	2	3	0	5	2	6	2	3
12	3	3	5	5	0	2	13	0	2	2	3	1	2
13	0	0	7	7	2	3	5	2	0	3	9	9	5
14	4	2	3	0	2	0	2	0	3	3	0	0	3
15	9	2	5	9	3	0	0	3	2	1	5	7	3
16	1	0	2	0	5	3	0	***	3	0	1	3	3
17	0	5	0	0	0	0	3	2	0	4	5	0	2
18	0	3	2	0	2	9	0	2	5	4	7	2	2
19	0	0	3	2	3	3	0	2	5	0	2	0	2
20	2	2	0	2	3	0	0	0	7	3	11	9	3
21	7	9	3	2	5	3	5	2	7	7	9	0	5
22	3	0	0	0	2	0	2	0	0	2	2	2	1
23	3	0	3	0	7	0	5	0	2	0	2	2	2
24	0	1	5	2	7	0	7	0	8	0	0	0	3
25	7	7	3	0	2	3	1	5	3	0	0	5	3
26	5	3	4	13	15	7	7	0	7	14	5	9	7
27	0	0	3	6	2	2	3	0	3	3	0	0	2
28	5	3	5	2	5	0	2	2	2	2	0	5	3
29	2	4	0	4	2	7	11	0	3	5	2	0	3
MEAN	3	2	3	3	4	2	3	2	3	3	4	3	2.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010				1298 REBECCA ST OAKVILLE				MONTH - MAR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	2	0	2	3	2	3	5	1	
2	4	3	1	1	2	5	0	0	0	0	0	0	1	
3	2	2	0	0	0	0	0	0	3	2	2	3	1	
4	2	6	5	3	2	2	2	2	3	0	1	2	3	
5	0	2	2	4	5	2	5	1	0	0	0	0	2	
6	3	0	1	0	2	2	3	2	0	2	5	0	2	
7	2	2	0	3	2	4	1	0	3	0	3	0	2	
8	3	2	2	1	1	0	3	0	2	2	4	5	2	
9	5	5	5	3	2	2	0	0	0	0	3	5	3	
10	4	7	2	3	3	2	7	3	7	2	1	2	4	
11	2	2	0	0	0	0	2	2	0	3	3	5	2	
12	2	0	1	2	2	0	2	2	2	3	2	0	2	
13	2	3	0	3	0	2	2	3	0	0	2	0	1	
14	2	0	2	0	0	2	2	0	0	2	2	0	1	
15	2	2	0	2	0	2	3	0	2	0	2	0	1	
16	6	2	0	4	1	2	2	0	3	0	2	2	1	
17	1	2	2	2	0	3	0	5	2	4	0	2	3	
18	4	2	3	4	2	2	5	7	2	2	3	2	3	
19	4	2	2	5	3	5	6	2	7	2	5	2	4	
20	2	3	6	5	2	7	3	2	5	2	4	6	4	
21	8	2	2	0	2	0	2	1	0	3	0	2	2	
22	0	4	2	0	3	3	0	2	0	3	2	1	2	
23	0	3	2	2	3	0	2	0	2	2	3	3	2	
24	0	3	2	0	5	2	****	0	4	2	4	0	2	
25	5	0	0	2	4	2	3	0	2	3	2	7	3	
26	9	5	0	2	5	2	0	2	2	2	5	7	3	
27	11	7	4	9	0	2	3	2	0	0	2	2	4	
28	0	0	2	3	0	0	2	0	2	2	7	6	2	
29	7	5	0	3	0	2	0	2	5	3	0	2	2	
30	0	3	0	0	3	2	5	2	2	2	7	11	3	
31	11	1	0	3	5	0	2	3	2	1	3	0	3	
MEAN	3	3	2	2	2	2	2	2	2	2	3	3	2.2	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010				1298 REBECCA ST OAKVILLE				MONTH - APR 76						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	4	3	5	1	8	0	6	0	0	6	3	
2	0	5	2	0	3	5	0	3	0	0	5	3	2	
3	3	4	3	3	0	2	4	0	0	3	1	2	2	
4	2	5	3	0	1	0	1	0	4	0	3	2	2	
5	2	0	2	2	3	2	7	0	1	3	3	5	3	
6	3	5	2	3	5	2	****	3	3	4	2	5	3	
7	1	3	0	3	3	2	5	5	0	0	0	2	2	
8	2	0	0	0	3	0	3	3	3	2	0	3	2	
9	0	0	3	3	4	2	0	3	0	3	9	0	2	
10	3	2	5	5	5	0	3	0	3	3	0	2	3	
11	2	3	2	5	3	3	5	0	5	0	3	0	3	
12	5	0	7	7	0	3	0	2	0	3	5	5	3	
13	5	1	3	9	11	2	0	0	0	2	9	2	4	
14	9	9	7	11	7	11	2	7	11	2	7	7	8	
15	5	2	3	11	3	7	5	7	11	5	9	11	7	
16	5	3	13	1	0	5	2	3	5	2	7	7	4	
17	5	7	5	2	7	5	7	3	5	0	3	5	5	
18	15	2	7	9	5	2	0	0	0	2	2	9	4	
19	5	5	7	11	2	7	2	0	3	5	2	7	5	
20	9	2	5	0	2	2	2	3	5	0	13	3	4	
21	3	3	0	2	3	3	3	****	****	9	8	5	4	
22	5	3	2	2	3	4	0	2	2	0	2	5	3	
23	3	1	3	2	0	2	0	1	0	1	3	1	1	
24	0	0	3	2	0	3	0	2	0	2	0	1	1	
25	2	0	5	2	0	3	3	0	2	3	1	5	2	
26	0	0	0	1	3	2	0	0	2	3	1	1	1	
27	5	1	2	2	1	0	0	0	0	2	0	2	1	
28	2	0	0	2	0	0	0	0	0	2	2	0	1	
29	2	0	0	2	0	4	1	2	0	1	2	3	1	
30	0	3	2	5	3	3	2	2	4	0	0	5	2	
MEAN	4	2	3	4	3	3	2	2	3	2	3	4	2.9	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44010				1298 REBECCA ST OAKVILLE				MONTH - MAY 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	3	0	4	3	5	0	3	2	5	4	2	3
2	6	5	3	3	3	2	2	3	0	3	0	0	3
3	0	2	0	3	1	2	1	0	0	3	0	0	1
4	1	1	0	0	1	0	2	0	4	0	0	0	1
5	3	2	2	3	5	1	4	11	3	2	8	1	4
6	5	0	0	2	2	2	0	0	0	2	1	0	1
7	0	1	5	0	3	0	0	0	0	3	9	3	2
8	0	5	0	0	2	2	0	0	2	1	0	3	1
9	2	5	0	1	0	5	4	0	2	0	9	5	3
10	9	3	9	8	3	5	3	0	2	5	3	3	4
11	5	2	3	2	1	1	0	3	2	0	2	1	2
12	0	5	0	2	0	5	3	0	2	0	8	2	2
13	5	0	5	2	1	2	0	0	3	0	5	3	2
14	5	2	2	3	3	3	3	0	5	5	3	5	3
15	3	7	9	3	7	5	0	0	6	2	2	3	4
16	0	8	2	6	2	6	2	0	0	9	9	9	4
17	2	7	0	2	2	****	3	3	5	2	2	0	3
18	2	5	0	1	2	0	0	0	8	2	4	1	2
19	5	3	0	5	3	1	3	2	0	1	1	0	2
20	2	1	5	3	1	0	2	1	9	3	9	5	3
21	2	2	1	0	0	2	0	0	0	2	9	5	2
22	2	3	0	2	0	2	0	2	9	0	3	2	2
23	0	3	0	0	5	2	0	3	2	0	0	0	1
24	3	7	0	0	0	7	0	0	5	5	6	6	4
25	2	0	0	0	5	0	0	0	2	2	3	0	1
26	3	3	2	6	7	2	3	0	5	11	2	2	4
27	2	3	1	3	2	0	5	0	3	2	2	6	2
28	8	3	5	8	0	1	4	2	4	0	3	2	3
29	4	4	2	2	0	1	4	2	4	0	2	8	3
30	0	3	1	0	3	1	2	0	2	2	3	0	1
31	3	0	3	1	2	****	3	1	1	13	1	3	3
MEAN	3	3	2	2	2	2	2	1	3	3	4	3	2.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44010				1298 REBECCA ST OAKVILLE				MONTH - JUN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	7	3	3	1	4	0	2	2	0	11	5	4
2	5	5	3	11	3	2	2	0	2	2	0	3	3
3	5	2	3	9	0	0	0	0	5	3	7	9	4
4	5	3	3	1	2	3	0	0	0	5	3	8	3
5	2	3	9	0	7	3	5	0	4	5	5	5	4
6	1	5	0	3	1	2	1	2	5	3	3	0	2
7	0	4	3	2	1	3	0	8	0	3	8	7	3
8	7	7	7	11	7	3	5	2	2	5	2	6	5
9	7	3	1	5	3	5	2	4	2	5	5	5	4
10	5	8	2	5	4	5	0	3	3	3	7	5	4
11	9	0	9	7	5	2	2	2	3	2	2	0	4
12	3	2	2	0	3	1	0	2	5	1	2	0	2
13	5	0	2	2	2	5	3	1	7	0	3	5	3
14	3	0	0	9	7	3	***	0	3	0	2	5	3
15	5	0	2	0	3	0	2	1	9	0	11	0	3
16	2	5	4	0	1	2	4	2	3	0	0	2	2
17	4	2	0	1	1	1	3	5	2	1	2	3	2
18	2	7	5	6	2	2	3	0	2	2	3	2	3
19	0	2	3	1	5	4	2	2	0	1	0	0	2
20	0	2	0	2	2	1	0	0	5	2	4	2	2
21	1	2	0	2	1	2	1	0	2	2	0	2	1
22	2	2	2	5	7	3	2	2	6	1	3	10	4
23	5	3	4	10	3	4	3	4	6	3	7	5	5
24	4	1	12	13	6	7	11	3	3	0	0	0	5
25	2	0	3	0	0	1	0	0	0	5	2	0	1
26	1	2	4	0	0	0	4	1	4	3	1	2	2
27	0	2	2	0	0	2	3	2	1	0	2	1	1
28	6	2	0	2	1	2	0	2	1	2	0	0	2
29	3	3	3	10	2	3	***	0	2	0	4	2	3
30	0	4	2	1	2	0	3	0	4	3	0	0	2
MEAN	3	3	3	4	3	3	2	2	3	2	3	3	2.8

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	2	0	2	0	0	2	2	0	0	2	1
2	2	2	2	0	2	2	0	4	0	2	3	2	2
3	2	0	3	0	0	3	0	8	1	2	0	0	2
4	6	0	7	0	0	3	3	0	5	0	2	0	2
5	2	3	5	4	0	2	3	3	3	3	2	0	2
6	5	9	5	9	7	7	2	0	3	0	2	3	3
7	4	4	3	2	9	0	0	0	3	0	3	6	5
8	2	3	2	4	0	0	2	3	0	2	3	0	3
9	3	0	2	2	0	0	2	5	****	****	2	0	2
10	2	2	0	7	2	2	3	5	0	5	2	5	3
							3	2	0	2	2	3	3
11	5	7	2	3	0	4	7	0	0	2	5	2	
12	0	0	1	2	2	2	0	3	0	2	2	0	3
13	0	0	0	2	2	0	0	2	0	2	2	0	1
14							- DATA INVALID -	-	2	0	3	3	1
15							- DATA INVALID -	-					
16							- DATA INVALID -	-					
17							- DATA INVALID -	-					
18							- DATA INVALID -	-					
19							- DATA INVALID -	-					
20							- DATA INVALID -	-					
21							- DATA INVALID -	-					
22							- DATA INVALID -	-					
23							- DATA INVALID -	-					
24							- DATA INVALID -	-					
25							- DATA INVALID -	-					
26	****	****	****	****	5	8	3	13	0	4	4	7	6
27	2	5	7	9	4	7	9	5	0	3	3	0	5
28	3	5	0	0	9	0	4	0	0	0	2	0	2
29	0	0	0	0	2	1	6	0	7	0	0	3	2
30	3	3	6	1	7	6	2	3	3	5	5	6	4
31	7	2	5	2	3	0	3	0	0	2	2	5	3
MEAN	3	3	3	3	3	3	3	3	1	2	2	2	2.6

PERCENTAGE OF DATA VALID - 59.7

PERCENTAGE OF DATA INVALID - 82.0

PERCENTAGE OF DATA UNAVAILABLE --41.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	0	3	0	3	0	2	2	0	2	2	2
2	2	1	2	5	0	0	5	0	2	0	5	5	2
3	0	2	0	5	0	6	0	2	3	0	4	3	2
4	3	6	3	0	7	0	2	0	4	2	0	4	3
5	0	7	2	11	5	3	0	6	2	5	2	0	4
6	0	7	0	5	5	2	2	0	3	0	3	2	2
7	0	0	3	0	2	0	3	7	0	2	2	0	2
8	5	0	0	0	7	3	3	2	2	5	0	4	3
9	0	0	3	2	5	0	3	5	5	3	7	0	3
10	0	0	0	2	7	****	-	-	-	-	-	-	*****
11							- DATA UNAVAILABLE -	-					
12							- DATA UNAVAILABLE -	-					
13							- DATA UNAVAILABLE -	-					
14							- DATA UNAVAILABLE -	-					
15							- DATA UNAVAILABLE -	-					
16	-	-	-	-	-	-	2	2	5	4	7	5	*****
17	2	7	0	9	5	5	1	2	3	4	2	0	3
18	0	7	0	2	12	5	0	7	2	2	6	5	4
19	5	3	17	9	10	3	2	5	3	2	2	9	6
20	3	8	6	8	5	7	3	2	5	6	10	9	6
21	5	7	8	8	2	3	3	6	3	5	7	8	5
22	10	5	4	4	4	6	0	2	7	2	8	5	5
23	4	0	4	7	4	2	****	0	1	0	6	3	3
24	2	3	2	0	2	0	0	4	0	5	6	7	3
25	5	11	10	11	6	3	10	6	3	2	9	3	7
26	7	9	11	9	11	5	4	11	6	5	10	7	8
27	10	3	7	2	7	3	10	7	1	5	3	2	5
28	3	3	5	2	2	2	5	2	3	2	2	5	3
29	3	0	0	4	1	2	2	0	0	0	0	0	1
30	2	2	2	0	0	2	0	1	0	1	0	5	1
31	2	2	7	5	4	5	3	0	4	3	7	2	4
MEAN	3	4	4	5	5	3	3	3	3	3	4	4	3.5

PERCENTAGE OF DATA VALID - 80.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 19.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - SEP 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	2	3	6	2	4	8	2	3	4	2	3	4	4
2	1	0	9	6	4	2	2	2	2	0	15	9	4	4
3	9	9	7	5	12	2	5	2	0	3	4	5	3	5
4	5	0	2	2	3	2	6	2	2	0	6	0	3	3
5	0	2	2	0	0	6	0	4	5	0	0	8	2	2
6	0	0	3	0	2	5	0	0	0	3	3	3	2	2
7	0	0	6	6	2	0	***	2	0	5	3	4	3	5
8	2	8	2	16	2	5	7	2	4	2	8	7	3	5
9	9	9	12	15	2	6	3	3	4	8	5	10	7	7
10	0	0	4	0	2	0	0	1	0	0	0	0	1	1
11	0	0	0	0	2	0	0	0	2	2	3	5	1	1
12	1	8	2	3	2	2	0	0	2	7	0	2	2	3
13	0	5	5	2	8	2	3	3	0	7	3	2	2	3
14	9	7	12	5	8	3	3	2	1	4	3	8	3	6
15	2	5	2	10	6	7	2	4	8	3	8	5	5	5
16	1	3	0	2	8	1	0	2	5	0	4	6	3	3
17	0	2	0	2	2	6	0	0	5	6	2	4	2	2
18	2	3	0	1	4	0	0	3	4	2	2	0	2	2
19	0	0	1	0	2	2	0	2	2	2	3	5	2	2
20	1	2	3	10	4	2	***	2	2	0	5	0	3	3
21	0	6	2	2	2	2	0	0	0	1	0	0	1	1
22	0	1	2	0	3	1	3	3	1	1	0	3	2	2
23	2	10	3	0	2	1	2	0	2	2	3	2	2	2
24	3	0	2	3	0	2	0	0	2	0	6	3	2	2
25	6	3	4	0	2	2	3	0	2	0	6	2	2	2
26	4	3	1	4	1	0	2	0	5	0	6	2	3	3
27	1	2	4	5	1	0	0	2	0	4	2	0	2	2
28	0	2	0	2	2	1	6	0	0	6	7	3	3	3
29	3	6	3	9	3	7	0	0	3	6	2	0	2	2
30	0	4	4	7	3	5	3	2	5	2	1	6	4	4
MEAN	2	3	3	4	3	3	2	2	2	3	4	4	2.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "\*\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - OCT 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	9	7	6	4	5	3	8	8	5	5	3	5	6	6
2	3	10	10	11	8	10	4	5	2	3	8	17	8	8
3	12	6	6	2	4	2	0	3	3	10	5	11	5	5
4	6	6	6	20	9	4	0	0	7	9	1	6	6	6
5	9	9	9	9	8	0	7	5	3	9	9	9	7	7
6	0	0	2	2	4	7	6	6	8	1	2	2	3	3
7	1	0	2	2	2	0	0	0	5	3	2	2	2	2
8	2	1	2	3	4	0	6	5	5	6	1	1	3	3
9	2	2	0	0	4	2	2	1	2	0	0	5	2	2
10	2	0	2	0	1	2	0	1	4	5	7	2	2	2
11	0	1	2	2	2	0	2	0	2	0	6	8	2	2
12	9	6	7	9	9	2	6	4	7	4	9	5	6	6
13	9	5	7	9	3	5	0	2	2	2	2	2	4	4
14	0	1	0	3	0	2	3	0	2	6	2	4	2	2
15	3	8	9	3	2	2	3	5	5	4	2	2	4	4
16	2	1	4	0	2	2	7	2	2	2	2	3	2	2
17	0	2	0	2	3	3	3	0	2	2	2	0	2	2
18	1	5	1	9	0	0	2	0	2	2	2	6	3	3
19	7	2	1	0	2	0	1	0	2	3	2	2	2	2
20	2	7	5	7	6	4	9	9	8	2	0	5	5	5
21	0	3	5	4	2	0	2	0	3	2	0	1	2	2
22	0	2	1	3	4	2	2	3	3	0	2	1	2	2
23	0	1	0	0	4	2	0	2	5	9	9	9	3	3
24	8	2	0	3	2	5	0	3	3	4	0	2	3	3
25	7	2	2	1	8	8	6	0	4	0	0	4	4	4
26	0	2	2	0	5	0	2	2	2	2	2	2	2	2
27	0	3	3	7	5	3	0	3	0	3	6	2	3	3
28	0	4	2	2	4	0	2	4	4	3	3	2	3	3
29	1	4	5	0	3	4	2	2	9	2	5	2	3	3
30	3	3	4	5	5	5	9	5	7	9	5	5	5	5
31	2	9	5	9	5	1	0	3	0	4	3	2	4	4
MEAN	3	4	4	4	4	3	3	3	4	4	3	4	3.5	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "\*\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -		C NO 44010		1298 REBECCA ST		OAKVILLE		MONTH - NOV		76				MEAN
HOUR	DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	2	0	9	2	2	0	1	6	4	10	7	4	4
2	6	7	25	9	6	2	0	6	0	6	3	4	6	6
3	11	2	2	12	6	8	0	3	0	11	10	7	6	6
4	14	9	1	9	17	4	2	5	2	6	5	0	6	6
5	2	2	6	7	2	2	0	2	2	3	2	9	3	3
6	1	5	2	2	5	6	2	1	2	7	7	4	4	4
7	0	0	5	2	2	0	0	2	2	2	0	2	1	1
8	0	3	0	4	2	0	2	2	3	2	4	6	2	2
9	2	2	3	6	2	2	3	6	7	7	2	6	4	4
10	4	5	1	5	3	3	2	4	0	2	2	3	3	3
11	2	4	4	4	3	4	2	1	0	2	2	1	2	2
12	3	5	2	3	1	1	2	0	0	6	2	2	2	2
13	2	0	2	7	1	3	0	4	5	2	3	2	3	3
14	0	1	2	2	3	0	0	1	2	15	9	6	3	3
15	5	4	4	7	4	6	***	2	4	9	15	8	6	6
16	5	6	4	11	4	3	3	2	2	5	4	8	5	5
17	10	6	8	10	10	7	2	5	3	3	8	7	7	7
18	2	3	9	2	10	2	0	2	2	8	4	2	4	4
19	4	8	1	2	3	3	0	2	5	6	1	6	3	3
20	1	3	2	2	2	2	2	2	0	2	5	0	2	2
21	5	0	1	2	2	2	3	1	1	4	0	6	2	2
22	5	0	2	0	4	3	2	0	3	0	2	2	2	2
23	0	2	1	0	1	0	1	2	0	2	2	6	1	1
24	0	5	0	4	2	4	0	2	2	5	8	2	3	3
25	0	1	3	1	5	2	5	11	4	13	8	4	5	5
26	2	18	6	8	2	0	3	0	2	2	8	0	4	4
27	5	4	8	4	2	2	2	0	0	2	4	2	3	3
28	4	2	0	0	0	0	0	0	2	1	0	0	1	1
29	0	0	3	3	3	0	3	***	0	1	2	0	1	1
30	1	0	2	3	2	0	0	2	1	5	0	4	2	2
MEAN	3	4	4	5	4	2	1	2	2	5	4	4	3.4	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -		C NO 44010		1298 REBECCA ST		OAKVILLE		MONTH - DEC		76				MEAN
HOUR	DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	4	2	2	3	6	0	3	2	4	3	2	2
2	4	0	3	0	0	2	1	0	3	1	4	5	3	3
3	2	0	5	3	4	6	6	2	0	0	0	4	3	3
4	2	0	2	0	0	5	4	2	7	4	8	5	3	3
5	0	4	2	0	2	0	2	2	9	4	9	8	4	4
6	3	9	2	3	2	1	4	4	7	7	6	4	4	4
7	2	4	2	4	0	2	0	3	0	2	3	4	2	2
8	2	2	2	1	0	1	2	1	5	2	10	2	3	3
9	0	2	0	2	6	0	8	9	10	2	6	3	4	4
10	2	5	9	4	4	5	4	1	2	2	1	8	4	4
11	3	1	0	6	2	2	5	0	4	7	2	2	3	3
12	2	4	6	2	2	5	5	0	7	4	2	2	3	3
13	0	0	2	0	3	1	2	7	8	2	12	3	3	3
14	3	2	3	2	2	2	***	2	0	1	0	2	2	2
15	0	2	4	1	7	4	3	2	0	7	8	7	4	4
16	9	6	4	7	8	6	4	9	9	8	6	9	7	7
17	4	3	6	2	2	0	5	4	0	5	2	0	3	3
18	0	0	0	1	0	4	2	0	2	0	2	8	2	2
19	2	2	7	4	8	6	2	5	13	18	13	13	8	8
20	13	10	7	7	14	4	2	2	0	0	3	0	5	5
21	0	2	2	0	0	1	1	1	4	2	2	2	1	1
22	7	0	2	7	2	1	0	0	4	2	2	2	2	2
23	3	4	0	0	2	4	2	2	6	1	2	2	2	2
24	2	0	0	1	0	2	1	0	3	2	7	2	2	2
25	9	1	3	4	2	4	0	6	3	6	8	2	4	4
26	2	0	0	3	0	5	4	2	4	2	2	3	2	2
27	0	3	1	0	1	0	0	2	0	4	8	6	2	2
28	7	1	2	4	2	4	6	4	4	0	3	5	4	4
29	2	0	2	2	3	1	2	3	2	0	4	2	2	2
30	0	2	0	2	4	0	8	1	10	8	2	5	4	4
31	2	0	7	3	2	2	4	1	1	6	4	4	3	3
MEAN	3	2	3	2	3	3	3	3	4	4	5	4	3.2	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	18	3.4	6	21
FEB	29	2.9	7	15
MAR	31	2.2	4	11
APR	30	2.9	8	15
MAY	31	2.5	4	13
JUN	30	2.8	5	13
JUL	19	2.6	6	13
AUG	24	3.5	8	17
SEP	30	2.9	7	16
OCT	31	3.5	8	20
NOV	30	3.4	7	26
DEC	31	3.2	8	18
YEAR	334	3.0	8	26

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	163	48	8	0	1	0	0	220
FEB	253	84	10	0	0	0	0	347
MAR	319	49	3	0	0	0	0	371
APR	267	79	11	0	0	0	0	357
MAY	295	72	3	0	0	0	0	370
JUN	273	78	7	0	0	0	0	358
JUL	176	45	1	0	0	0	0	222
AUG	192	98	7	1	0	0	0	298
SEP	270	82	5	1	0	0	0	358
OCT	253	114	3	2	0	0	0	372
NOV	262	84	9	2	1	0	0	358
DEC	282	82	6	1	0	0	0	371
YEAR	3005	915	73	7	2	0	0	4002

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.1	0	0.0	1.0	1.8	3.2	6.5	8.2	10.1	11.5	26	3.0

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025

MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	0	1	4	7	0	2	5	1	2
2	5	1	0	1	0	0	2	2	3	0	2	2	2
3	0	3	0	0	2	0	0	2	0	0	3	0	1
4	3	0	2	0	0	0	2	4	0	0	1	0	1
5	0	0	2	0	0	2	2	5	2	2	0	6	2
6	2	2	2	4	4	2	2	0	2	6	6	2	3
7	4	3	0	8	3	4	2	2	0	0	0	2	2
8	2	3	3	0	9	2	2	6	0	0	2	3	3
9	3	5	3	2	5	7	2	0	4	9	2	0	3
10	4	1	4	0	3	2	0	2	2	9	9	1	3
11	4	2	2	0	1	3	5	4	0	4	4	2	3
12	9	2	5	5	6	2	4	0	1	7	0	3	4
13	0	6	0	5	3	4	10	5	3	0	0	8	4
14	2	0	4	2	2	2	3	2	0	0	4	2	2
15	4	0	3	5	2	0	0	6	3	4	2	0	2
16	2	2	2	3	4	0	3	0	4	0	2	3	2
17	0	2	0	2	3	2	5	0	6	6	2	3	3
18	0	2	2	3	0	5	4	0	7	9	2	2	3
19	2	3	4	5	0	4	3	3	6	6	4	0	3
20	0	2	0	2	0	0	7	3	0	0	3	0	1
21	3	0	2	2	2	5	2	4	3	3	0	2	2
22	0	3	2	1	2	0	0	6	2	4	3	4	2
23	0	4	3	5	7	6	7	11	2	5	3	0	4
24	0	2	0	2	2	5	0	4	1	5	0	4	2
25	7	7	2	7	0	3	0	4	0	4	3	5	4
26	7	2	3	5	5	9	3	2	1	3	0	2	4
27	0	2	2	5	0	3	0	0	5	0	7	3	2
28	3	3	5	6	0	0	0	4	2	0	1	2	2
29	3	2	5	2	6	0	7	0	0	1	0	2	2
30	3	4	2	3	0	2	6	6	7	5	4	3	4
31	3	4	0	5	11	0	5	3	4	0	0	7	4
MEAN	2	2	2	3	3	2	3	3	2	3	2	2	2.6

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-.-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025

MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	3	7	2	2	2	7	7	2	3	3
2	7	3	0	2	2	5	2	2	3	5	2	3	3
3	0	0	4	5	2	0	3	5	3	0	4	8	3
4	8	2	6	2	0	2	4	2	6	0	5	0	3
5	0	0	5	6	5	4	3	7	6	6	2	2	4
6	2	0	0	0	5	0	2	2	0	2	2	0	1
7	0	3	0	6	2	0	5	3	3	2	4	2	3
8	5	2	2	2	0	0	2	3	2	2	3	1	2
9	2	1	2	3	3	2	0	1	4	3	2	2	2
10	1	4	0	2	1	4	2	5	2	2	3	0	2
11	1	2	2	0	3	2	0	4	0	2	0	2	2
12	0	0	7	0	0	0	2	2	3	0	5	0	2
13	3	0	0	3	***	1	2	0	0	0	3	0	1
14	0	2	5	0	0	2	1	0	0	0	5	3	2
15	0	2	3	2	0	2	5	0	2	0	4	2	2
16	0	2	0	0	2	0	2	2	4	1	2	0	1
17	0	0	3	1	2	2	2	3	1	0	2	0	1
18	2	2	0	3	5	2	0	2	2	1	7	2	2
19	1	2	2	0	2	1	3	1	4	1	3	3	2
20	2	2	0	2	3	1	0	2	6	1	4	6	2
21	7	5	2	1	5	2	4	1	3	5	5	2	4
22	0	1	2	1	2	0	1	1	0	2	0	0	1
23	2	0	2	1	2	0	2	2	0	2	0	0	1
24	0	2	0	1	3	2	5	1	3	1	3	2	2
25	3	7	8	6	2	2	0	2	4	3	2	2	3
26	2	2	2	4	11	6	4	10	4	2	5	5	5
27	0	2	2	2	4	2	1	2	2	5	0	0	2
28	0	2	0	0	0	1	0	0	2	0	7	3	1
29	1	2	2	1	2	3	0	0	2	0	1	0	1
MEAN	2	2	2	2	3	2	2	2	3	2	3	2	2.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-.-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C	NO 46025	MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA										MONTH - MAR	76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	2	2	1	1	0	0	1	3	1	
2	3	2	1	1	1	3	2	2	5	0	1	3	2	
3	1	2	2	0	2	3	2	2	1	2	3	1	2	
4	2	0	2	0	5	4	5	3	2	2	4	0	2	
5	0	3	3	3	7	0	0	0	0	0	2	4	2	
6	6	0	0	0	3	5	0	2	3	1	4	0	2	
7	0	4	2	3	2	0	0	2	0	3	2	4	2	
8	0	0	4	0	4	1	0	0	0	3	2	1	1	
9	3	2	2	3	4	1	0	1	1	2	1	4	2	
10	2	0	2	6	5	2	7	3	5	1	0	2	3	
11	2	2	3	3	0	2	2	1	0	1	1	2	2	
12	7	2	1	2	0	0	....	....	....	....	....	....	....	
13							- DATA INVALID -						.....	
14							- DATA INVALID -							
15							- DATA INVALID -							
16							- DATA INVALID -							
17							- DATA INVALID -							
18							- DATA INVALID -							
19							- DATA INVALID -							
20							- DATA INVALID -							
21							- DATA INVALID -							
22							- DATA INVALID -							
23	2	2	0	3	2	0	3	6	2	2	1	3	2	
24	2	2	2	0	3	4	4	3	3	0	5	0	2	
25	0	0	2	0	2	2	0	0	2	1	1	1	1	
26	3	4	2	3	2	7	2	3	3	2	0	7	3	
27	3	3	4	6	2	2	0	1	0	0	1	0	2	
28	0	0	2	2	1	0	1	0	0	2	0	0	1	
29	2	0	2	1	3	....	....	0	1	1	3	2	2	
30	6	2	5	5	6	2	0	0	1	5	2	2	3	
31	2	0	1	1	4	2	2	1	1	2	1	4	2	
MEAN	2	1	2	2	3	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 65.6

PERCENTAGE OF DATA INVALID - 65.1

PERCENTAGE OF DATA UNAVAILABLE --30.8

NOTES 1. "....." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "....." INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C	NO 46025	MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA										MONTH - APR	76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	3	1	4	3	0	6	2	1	0	0	2	
2	2	1	0	0	0	2	2	3	0	0	0	1	1	
3	0	0	0	0	2	0	0	0	3	2	1	3	1	
4	0	0	3	0	3	2	2	3	6	6	4	2	3	
5	2	0	3	2	....	-	-	-	-	-	-	-	.....	
6							- DATA INVALID -							
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11							- DATA INVALID -							
12							- DATA INVALID -							
13							- DATA INVALID -							
14							- DATA INVALID -							
15							- DATA INVALID -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20	-	-	-	-	-	-	2	2	4	0	8	3	.....	
21	3	5	2	2	0	3	0	5	5	2	7	5	3	
22	5	5	2	3	5	2	2	2	2	0	3	0	3	
23	0	0	0	0	0	0	0	0	1	3	5	5	1	
24	2	0	0	2	0	2	3	0	0	2	3	2	1	
25	2	0	0	2	2	2	1	3	2	0	0	0	1	
26	0	2	2	2	3	3	0	3	0	5	2	2	2	
27	2	2	1	0	0	0	1	0	0	5	1	0	1	
28	2	0	3	3	3	0	0	0	1	2	3	3	2	
29	2	0	2	5	2	0	5	2	2	1	2	3	2	
30	1	3	5	3	3	....	0	0	1	3	1	0	2	
MEAN	2	1	2	2	2	1	1	2	2	2	3	2	1.8	

PERCENTAGE OF DATA VALID - 49.2

PERCENTAGE OF DATA INVALID - 63.1

PERCENTAGE OF DATA UNAVAILABLE --12.2

NOTES 1. "....." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "....." INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025				MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA				MONTH - MAY 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	7	3	5	7	0	3	5	2	5	3	4
2	7	3	10	5	7	5	2	1	5	4	2	2	4
3	0	2	0	3	0	0	1	0	0	0	0	0	1
4	2	2	0	0	3	3	3	5	0	2	0	0	2
5	0	0	2	5	3	0	0	3	3	1	3	2	2
6	0	3	0	2	2	2	3	3	2	0	1	0	2
7	2	3	1	0	1	2	3	3	1	7	0	2	2
8	5	0	0	0	0	0	0	0	3	2	3	3	1
9	0	0	2	3	0	2	0	0	0	1	3	2	1
10	5	5	6	5	9	9	4	4	5	2	5	0	5
11	7	9	0	0	3	3	2	0	4	2	3	5	3
12	0	2	3	2	1	0	2	6	2	3	2	0	2
13	3	2	3	5	3	2	2	3	2	2	3	0	3
14	3	3	6	6	5	4	8	2	2	2	4	4	4
15	5	7	6	6	6	1	4	2	2	2	3	2	4
16	0	2	0	3	1	2	7	2	2	3	2	2	2
17	5	2	6	7	0	4	0	2	4	4	1	2	3
18	3	0	2	2	2	0	2	0	5	2	0	2	2
19	4	2	2	0	0	2	0	0	0	2	0	0	1
20	2	0	0	6	4	6	0	0	6	2	8	4	3
21	2	2	0	2	2	0	0	2	0	6	0	0	1
22	4	2	0	2	0	2	2	0	0	0	1	2	1
23	2	0	5	0	0	4	0	0	3	0	1	2	1
24	0	2	0	0	2	2	2	2	0	2	2	4	2
25	6	7	0	6	3	0	0	2	3	4	8	3	4
26	1	0	0	4	6	4	4	2	1	0	10	0	3
27	2	0	6	0	1	3	1	2	0	0	7	1	2
28	0	5	4	4	6	****	2	0	4	1	10	2	3
29	0	9	4	4	6	2	0	5	3	5	0	3	3
30	4	6	1	4	0	4	0	4	0	2	4	0	2
31	0	2	0	4	10	1	4	0	2	4	6	8	3
MEAN	2	3	2	3	3	3	2	2	2	2	3	2	2.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025				MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA				MONTH - JUN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	5	6	2	2	2	4	2	5	2	3
2	10	3	2	6	4	4	4	0	1	2	3	9	4
3	4	1	3	4	2	2	1	3	2	2	2	8	3
4	2	6	2	4	6	4	1	6	3	3	2	6	4
5	3	2	6	1	8	2	2	2	2	0	3	4	3
6	2	3	3	0	0	0	0	3	0	3	2	4	2
7	0	5	2	1	0	4	0	4	2	0	2	0	2
8	2	6	6	2	4	10	2	0	6	5	4	5	4
9	3	7	2	5	8	7	5	3	4	2	5	5	5
10	6	4	8	0	5	3	6	2	2	0	5	1	4
11	3	2	1	9	7	0	4	2	2	0	0	4	3
12	0	4	0	2	2	1	0	0	1	0	0	0	1
13	0	0	0	2	3	3	1	2	4	8	6	5	3
14	3	5	3	7	7	7	2	3	5	0	5	5	4
15	1	3	2	5	7	3	3	3	2	0	2	2	3
16	5	0	2	5	0	0	0	3	2	0	0	0	1
17	2	2	3	2	5	0	0	0	1	2	0	3	2
18	5	0	2	7	2	2	3	2	3	0	5	5	3
19	3	2	3	6	3	0	5	0	2	0	0	1	2
20	2	0	0	1	3	0	0	0	2	0	2	4	1
21	3	3	3	5	5	0	3	0	7	0	0	7	3
22	3	3	2	3	5	3	0	3	5	2	3	5	3
23	5	3	9	9	11	3	1	5	5	2	3	2	5
24	3	5	9	3	5	8	10	7	1	5	3	0	5
25	0	2	3	2	2	0	****	0	0	2	2	2	1
26	0	3	3	1	2	0	0	3	0	1	0	2	1
27	3	1	1	1	3	2	3	0	0	5	3	0	2
28	5	2	1	1	3	3	2	2	0	3	1	2	2
29	2	3	1	8	2	4	2	5	3	3	1	3	3
30	0	3	2	2	4	2	5	2	1	0	1	3	2
MEAN	3	3	3	4	4	3	2	2	2	2	2	3	2.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - JUL 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	0	0	4	0	1	1	1	1	0	1
2	0	1	1	1	5	1	1	2	1	0	2	0	1
3	0	0	2	0	0	2	0	1	3	1	0	0	1
4	1	1	1	0	2	2	0	0	1	1	4	1	1
5	0	2	2	5	0	0	0	5	1	5	9	0	2
6	3	0	5	6	4	3	5	1	3	3	3	0	3
7	7	5	9	5	6	9	2	4	0	1	2	2	4
8	2	5	0	2	5	1	2	2	0	2	2	0	2
9	0	2	0	5	0	1	3	2	1	0	2	1	1
10	1	1	1	2	0	3	0	2	1	6	0	5	2
11	2	0	4	2	3	1	7	0	2	2	2	1	2
12	3	2	2	2	2	3	0	1	1	0	0	0	1
13	0	0	0	0	0	3	2	1	0	3	1	3	1
14	0	0	2	2	2	2	2	2	2	3	3	2	2
15	1	5	2	4	5	7	4	1	1	3	0	1	3
16	3	3	3	1	1	1	5	5	1	0	2	2	2
17	0	3	2	0	0	0	3	1	1	1	0	0	1
18	1	0	3	4	1	4	0	0	2	2	0	1	2
19	2	4	1	2	5	1	8	8	2	3	0	7	4
20	4	6	2	4	2	5	2	3	2	1	4	5	3
21	0	0	2	3	0	0	1	0	3	4	2	0	1
22	0	1	2	0	2	0	5	0	0	0	3	0	1
23	2	2	3	3	3	3	3	2	2	3	2	4	3
24	5	2	0	2	0	2	0	2	2	5	2	0	2
25	2	0	2	2	0	1	0	2	2	0	1	3	1
26	1	1	2	3	0	2	1	0	1	2	2	0	1
27	2	0	2	2	1	2	0	2	2	2	0	2	1
28	2	0	5	3	4	2	0	0	0	2	1	5	2
29	0	0	0	5	1	0	3	2	2	2	2	2	2
30	0	0	0	5	0	7	4	1	0	5	5	2	2
31	0	0	0	2	0	3	3	1	3	0	3	1	1
MEAN	1	2	2	2	2	2	2	2	1	2	2	2	1.9

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - AUG 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	0	0	2	0	0	0	0	2	2	1
2	1	0	0	0	0	2	2	0	2	1	2	1	1
3	0	2	3	3	2	6	0	0	2	0	3	0	2
4	0	2	1	7	2	4	0	0	2	0	0	0	2
5	2	3	3	0	2	1	2	4	2	0	2	0	2
6	0	2	2	5	4	2	3	2	2	0	3	5	3
7	1	2	2	3	0	2	0	2	2	1	3	2	2
8	3	1	5	0	2	0	1	0	4	1	0	2	2
9	0	0	2	0	2	0	2	3	4	3	2	3	2
10	0	0	2	0	5	4	0	2	3	2	2	0	2
11	6	2	5	3	7	6	2	2	4	0	0	0	3
12	4	2	5	2	3	3	0	6	2	5	2	5	3
13	2	2	5	0	0	3	2	2	0	0	0	0	1
14	4	0	0	4	0	3	5	0	3	2	0	2	2
15	0	0	2	0	0	3	3	0	0	0	0	0	1
16	1	1	5	2	3	0	0	0	0	0	0	2	1
17	5	0	0	2	2	0	2	2	0	0	0	0	1
18	2	1	0	1	0	2	5	4	2	2	0	3	2
19	2	4	4	7	13	3	0	4	0	0	0	0	3
20	1	6	5	6	12	****	2	4	0	3	7	3	4
21	3	2	10	3	4	0	1	2	5	3	5	5	4
22	7	6	8	2	7	8	4	5	2	8	2	4	5
23	3	0	4	8	2	2	3	0	7	0	0	0	2
24	0	0	0	5	5	2	3	3	0	3	0	2	2
25	5	0	2	2	4	5	2	0	0	2	9	11	4
26	2	3	7	10	12	2	13	7	2	3	6	5	6
27	4	6	0	3	2	0	6	0	2	3	3	5	3
28	3	2	5	0	2	0	3	5	0	3	0	0	2
29	7	2	3	0	4	7	0	0	0	5	2	1	3
30	2	7	0	2	0	0	0	2	0	3	1	6	2
31	0	7	5	4	2	0	4	0	3	2	3	3	3
MEAN	2	2	3	3	3	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025				MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA				MONTH - SEP 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	7	3	0	7	3	0	0	0	2	2
2	0	0	2	4	3	0	0	2	0	9	0	2	2
3	6	0	7	9	4	6	7	5	3	2	2	2	4
4	11	3	5	0	6	0	6	3	1	5	0	2	4
5	0	0	0	0	0	2	0	0	3	0	2	0	1
6	0	2	3	4	0	0	3	2	7	3	2	6	3
7	0	0	3	8	3	0	0	4	1	6	0	2	2
8	3	5	5	11	3	4	5	3	5	5	5	2	5
9	9	10	16	16	9	2	8	2	3	10	0	4	7
10	5	0	1	10	2	3	0	3	0	3	2	0	2
11	0	0	0	3	0	0	0	0	3	8	4	12	3
12	4	1	4	5	2	4	5	0	0	0	2	0	2
13	2	5	4	2	0	4	0	0	5	8	0	1	3
14	2	2	0	7	6	0	2	3	0	2	1	4	2
15	2	4	3	5	6	3	3	2	1	4	6	4	4
16	2	2	2	2	3	4	0	6	2	0	3	4	3
17	8	2	7	4	4	2	2	9	6	6	3	7	5
18	5	1	0	0	1	0	2	0	5	4	3	1	2
19	2	0	0	1	4	0	2	0	5	2	0	0	1
20	3	0	2	0	13	1	****	2	0	2	2	0	2
21	2	3	3	5	2	0	0	1	2	2	0	1	2
22	1	0	0	4	0	0	2	0	0	1	1	4	1
23	7	9	6	2	4	2	0	1	0	0	3	3	3
24	0	2	2	1	3	0	4	2	0	6	2	3	2
25	2	0	0	0	3	4	2	1	0	3	2	1	2
26	4	0	2	0	3	2	0	2	3	3	2	2	2
27	2	2	2	4	2	0	1	3	0	2	2	0	2
28	2	0	2	2	0	2	0	4	2	4	1	4	2
29	3	0	1	8	3	0	5	1	7	5	1	5	3
30	2	2	7	7	6	1	0	2	2	8	4	6	4
MEAN	3	2	3	4	3	2	2	2	2	4	2	3	2.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025				MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA				MONTH - OCT 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	5	8	1	6	3	0	****	2	4	2	3	4
2	3	9	3	3	10	7	1	8	5	2	8	9	6
3	6	7	3	4	3	3	3	1	0	2	2	3	3
4	3	6	5	8	8	7	5	2	2	4	2	11	5
5	3	2	9	4	11	5	2	5	0	2	2	4	4
6	4	8	4	3	6	4	5	2	5	2	5	0	4
7	0	0	0	1	1	1	2	2	0	2	2	3	1
8	1	2	2	5	2	4	2	1	5	1	2	3	3
9	2	2	0	0	2	2	2	3	0	1	0	1	1
10	0	0	0	3	0	0	0	2	1	0	2	2	1
11	0	0	1	1	2	0	0	0	2	0	2	11	2
12	7	3	2	4	16	14	3	0	6	1	5	2	5
13	3	3	2	0	4	5	1	2	0	6	5	0	3
14	2	0	0	1	0	1	0	1	1	2	2	0	1
15	3	3	0	2	4	2	5	9	5	3	0	0	3
16	2	3	3	2	2	1	0	0	3	1	2	0	2
17	0	2	3	1	0	2	0	3	0	3	0	3	1
18	2	0	0	0	2	3	****	0	0	3	0	3	1
19	3	0	2	3	3	0	2	3	0	0	0	3	2
20	0	4	3	5	6	7	2	7	7	1	5	2	4
21	2	3	0	2	6	2	0	2	0	2	0	2	2
22	0	0	0	2	0	2	0	1	0	2	0	2	1
23	0	0	2	3	3	1	3	0	4	1	1	3	2
24	4	1	0	0	4	0	2	3	2	2	2	8	2
25	0	0	0	2	9	3	2	4	2	2	2	2	2
26	7	0	4	3	2	4	3	0	2	0	2	2	2
27	1	0	0	3	3	4	3	6	3	3	4	0	3
28	1	2	0	2	0	3	2	0	0	2	1	2	1
29	2	4	0	2	0	****	2	2	6	2	2	0	2
30	0	7	2	3	2	3	5	5	6	5	5	5	4
31	2	4	0	5	2	0	0	2	0	0	2	2	2
MEAN	2	3	2	3	4	3	2	3	2	2	2	3	2.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46025				MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA				MONTH - NOV 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	3	0	2	0	2	2	2	3	2
2	4	5	6	9	7	8	3	2	7	2	3	0	5
3	0	2	0	4	5	3	0	2	1	5	7	3	3
4	9	5	3	5	6	6	0	2	0	2	1	1	3
5	2	2	3	7	2	2	0	0	2	3	0	1	2
6	0	0	0	0	0	2	2	5	3	2	2	3	2
7	1	1	0	0	2	0	0	0	0	0	0	0	0
8	2	0	0	4	2	2	2	3	3	0	2	1	2
9	3	0	2	1	0	2	2	3	2	3	0	****	2
10							- DATA INVALID -						
11							- DATA INVALID -						
12	****	****	****	****	****	****	- DATA INVALID -						
13	1	0	2	0	3	0	1	3	4	2	3	2	*****
14	0	0	4	0	0	2	0	0	2	4	2	0	1
15	3	0	5	0	7	3	2	0	1	2	0	2	1
16	4	5	5	9	3	0	5	0	5	2	1	4	3
17	2	5	4	10	3	4	3	3	4	6	11	5	5
18	0	1	2	8	2	0	2	0	3	6	0	5	4
19	1	2	4	10	0	4	0	3	0	0	0	3	2
20	0	0	1	5	0	0	6	3	2	1	0	2	2
									4	2	4	2	2
21	3	2	0	6	1	2	2	4	0	0	2	0	2
22	1	2	0	1	6	3	0	2	2	2	0	2	2
23	3	0	2	3	1	0	3	4	4	1	0	1	2
24	3	0	0	1	1	2	3	2	5	4	2	0	2
25	0	2	1	1	3	6	4	9	6	2	5	4	4
26	5	3	10	0	3	2	0	1	0	2	0	1	2
27	2	2	2	0	4	0	0	2	0	0	3	0	1
28	1	0	0	2	0	0	0	2	1	0	1	0	1
29	3	0	2	2	3	2	****	0	0	6	2	1	2
30	1	0	2	3	5	4	1	5	0	3	0	0	2
MEAN	2	1	2	3	3	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 16.4

PERCENTAGE OF DATA UNAVAILABLE - 7.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46025				MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA				MONTH - DEC 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	0	11	5	2	6	4	2	2	4	3
2	2	0	2	2	3	1	5	0	2	2	3	4	2
3	0	5	0	4	2	3	4	5	0	5	5	3	3
4	9	5	4	1	0	4	6	2	7	4	4	3	4
5	5	2	4	2	4	0	2	4	2	4	4	3	3
6	4	2	3	6	2	2	3	2	0	6	3	6	3
7	6	6	2	0	8	1	4	4	5	4	0	7	4
8	0	0	4	2	5	4	6	5	1	2	1	0	3
9	1	3	2	2	0	5	3	4	3	8	0	4	3
10	2	3	3	2	4	2	1	***	3	2	2	3	2
11	5	2	2	2	0	0	2	0	3	1	2	0	2
12	3	2	2	0	3	4	2	0	2	6	4	0	2
13	2	0	0	0	0	2	6	5	0	3	3	0	2
14	6	4	0	0	4	***	2	3	2	6	2	6	3
15	2	4	1	1	2	1	2	0	2	1	8	6	3
16	6	6	5	6	8	10	10	7	11	6	3	0	7
17	0	0	0	0	0	0	0	4	5	1	1	1	1
18	2	2	0	2	1	2	2	3	2	2	2	6	2
19	3	4	1	7	6	2	4	1	4	6	7	11	5
20	10	6	10	3	7	6	9	2	2	4	0	4	5
21	0	0	0	0	4	2	3	2	0	2	4	2	2
22	0	1	4	2	0	2	0	0	6	4	2	1	2
23	3	4	4	0	1	2	2	3	2	4	2	0	2
24	0	0	0	2	0	5	2	2	2	0	5	3	2
25	2	3	2	2	4	4	2	3	2	2	3	7	3
26	5	0	2	3	0	0	4	0	1	0	2	0	1
27	5	1	1	1	5	2	2	0	2	3	2	4	2
28	7	1	2	0	0	5	3	6	4	6	5	***	4
29													
30													
31	-	-	-	-	-	0	1	0	2	4	2	4	*****
MEAN	3	2	2	2	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	4	11
FEB	29	2.2	5	11
MAR	20	1.9	3	7
APR	14	1.8	3	8
MAY	31	2.5	5	10
JUN	30	2.8	5	11
JUL	31	1.9	4	9
AUG	31	2.3	6	13
SEP	30	2.7	7	16
OCT	31	2.5	6	16
NOV	27	2.2	5	11
DEC	28	2.8	7	11
YEAR	333	2.4	7	16

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	300	70	2	0	0	0	0	372
FEB	298	48	1	0	0	0	0	347
MAR	223	21	0	0	0	0	0	244
APR	158	19	0	0	0	0	0	177
MAY	304	67	0	0	0	0	0	371
JUN	279	79	1	0	0	0	0	359
JUL	330	42	0	0	0	0	0	372
AUG	307	59	5	0	0	0	0	371
SEP	287	66	4	2	0	0	0	359
OCT	306	58	4	1	0	0	0	369
NOV	282	45	1	0	0	0	0	328
DEC	270	67	3	0	0	0	0	340
YEAR	3344	641	21	3	0	0	0	4009

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.3	0	0.0	0.3	1.5	2.6	4.9	6.3	8.1	9.3	16	2.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - JAN 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	2	2	0	0	0	2	0	2	1
2	2	2	6	1	1	0	0	0	2	2	2	0	2
3	4	0	0	0	0	2	0	0	2	0	0	0	1
4	0	0	2	0	0	0	4	2	0	2	0	2	1
5	0	2	0	2	4	1	0	3	0	5	2	0	2
6	4	5	2	2	6	3	0	2	0	8	2	0	3
7	4	6	5	2	0	0	0	1	5	2	2	0	3
8	0	0	0	5	2	3	6	0	2	2	3	0	2
9	4	0	2	2	2	8	1	0	2	0	3	3	2
10	0	0	4	1	0	0	0	0	0	0	0	2	2
11	3	0	0	0	2	0	1	0	5	0	2	0	1
12	0	0	2	0	2	0	5	0	2	1	3	2	1
13	2	1	0	0	8	0	6	0	3	1	0	1	2
14	2	1	0	0	0	4	0	0	3	2	0	0	1
15	0	0	0	2	3	3	6	8	0	0	3	1	2
16	0	0	0	2	0	0	4	0	4	0	0	1	1
17	6	2	6	0	0	0	0	0	1	3	0	3	2
18	2	0	8	4	0	1	0	3	2	2	0	0	2
19	0	4	2	0	7	0	1	2	0	2	0	1	1
20	1	0	0	0	0	2	0	0	2	2	3	0	1
21	0	3	****	****	****	****	****	****	****	****	****	****	*****
22													
23							- DATA INVALID -						
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
30							- DATA INVALID -						
31							- DATA INVALID -						
MEAN	2	1	2	1	2	1	2	1	2	2	1	1	1.5

PERCENTAGE OF DATA VALID - 65.1

PERCENTAGE OF DATA INVALID - 67.2

PERCENTAGE OF DATA UNAVAILABLE --32.3

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - FEB 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13					****	0	0	0	2	3	0	2	*****
14	1	3	0	5	2	0	0	2	0	4	0	6	2
15	3	0	3	6	3	1	6	8	4	6	3	0	4
16	2	6	2	5	0	7	2	4	9	5	4	2	4
17	2	6	0	2	0	0	7	0	0	4	2	0	2
18	2	0	0	2	2	5	9	9	13	5	2	2	4
19	0	2	3	2	2	0	0	2	0	5	0	2	2
20	5	2	0	2	0	5	2	0	0	5	6	5	3
21	9	5	3	3	0	5	0	3	2	2	7	2	3
22	0	0	0	2	2	0	0	0	2	0	0	4	1
23	2	0	0	2	0	3	0	7	3	2	2	0	2
24	2	2	5	5	7	2	3	4	2	6	6	9	4
25	15	9	13	9	2	5	0	1	7	0	7	4	6
26	4	5	3	9	9	7	9	3	3	4	7	5	6
27	3	2	0	2	0	2	0	2	2	5	5	0	2
28	0	3	0	0	0	2	0	4	0	2	3	0	1
29	2	0	5	5	2	2	3	5	0	2	0	2	2
MEAN	3	3	2	4	2	3	2	3	3	4	3	3	2.9

PERCENTAGE OF DATA VALID - 57.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 42.5

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033		BRAMALEA FIRE HALL, BRAMALEA											MONTH - MAR 76		MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24			
1	2	0	2	0	2	0	2	3	2	0	3	0			1
2	3	0	2	2	0	2	0	2	2	2	0	3			2
3	0	0	4	0	5	5	9	5	5	6	5	2			4
4	5	5	0	5	7	3	3	5	2	1	2	9			4
5	7	2	5	7	5	5	0	****	-	****	****	****			*****
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16	0	1	0	0	0	0	2	2	0	3	0	0			1
17	2	0	0	0	2	2	0	2	2	2	1	4			1
18	5	2	4	2	2	2	0	0	3	0	0	1			2
19	1	0	0	2	0	1	1	2	1	0	1	2			1
20	5	6	3	2	1	0	0	0	2	0	2	0			2
21	0	0	2	0	0	2	0	1	2	0	2	0			1
22	0	0	5	5	8	2	0	4	6	4	3	2			3
23	3	0	3	3	0	3	0	3	2	2	3	0			2
24	0	2	2	2	0	2	0	0	2	0	0	2			1
25	0	0	0	1	2	0	0	0	1	2	0	0			1
26	0	2	0	5	2	1	0	1	2	2	2	0			1
27	3	2	0	1	2	0	2	1	2	2	1	0			1
28	0	2	0	3	2	3	0	2	0	3	3	0			1
29	1	4	0	0	2	****	-	2	0	2	0	0			1
30															*****
31															
MEAN	2	1	2	2	2	2	1	2	2	2	2	1			1.8

PERCENTAGE OF DATA VALID - 58.1

PERCENTAGE OF DATA INVALID - 66.4

PERCENTAGE OF DATA UNAVAILABLE --24.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033		BRAMALEA FIRE HALL, BRAMALEA											MONTH - APR 76		MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24			
1															
2	-	-	-	-	-	-	-	-	0	0	5	3			*****
3	0	2	0	0	5	1	5	2	1	0	6	5			2
4	0	4	0	0	0	0	2	2	2	3	3	5			2
5	0	0	0	0	0	0	2	0	2	9	2	7			2
6	2	1	0	0	4	0	5	0	3	5	0	0			2
7	3	0	0	5	0	0	3	2	0	7	0	2			2
8	1	2	0	2	2	3	2	5	0	6	3	2			2
9	0	2	0	0	0	0	0	0	2	2	3	3			1
10	0	0	3	3	0	0	0	0	2	4	3	0			1
11	5	0	0	0	0	6	3	0	0	2	0	1			1
12	0	1	4	2	0	2	0	3	0	2	0	0			1
13	0	0	0	0	0	2	3	2	2	2	2	2			1
14	3	6	0	2	2	1	0	2	1	0	0	4			2
15	0	2	0	9	0	1	0	0	0	0	0	5			1
16	0	0	0	0	0	2	0	0	1	0	0	2			0
17	5	0	1	2	8	0	0	2	0	0	0	7			2
18	0	4	0	4	0	0	0	0	4	0	4	4			2
19	0	4	2	2	0	0	0	0	8	3	0	0			2
20	2	0	5	0	3	0	3	3	0	8	2	0			2
21	0	0	7	0	2	0	5	3	0	2	0	4			2
22	2	0	0	3	0	4	2	5	0	0	0	0			2
23	3	0	3	0	6	0	4	1	0	0	0	2			2
24	3	0	2	0	2	2	0	0	2	0	0	2			1
25	3	0	0	2	0	0	0	0	4	0	0	2			1
26	2	3	0	2	0	0	2	0	0	3	0	3			1
27	0	0	0	0	0	3	3	0	0	2	0	2			1
28	0	0	2	0	0	4	4	0	0	0	2	0			1
29	2	0	0	0	0	3	0	2	0	0	0	0			1
30	0	0	4	3	0	0	2	1	0	3	2	0			1
MEAN	1	1	1	1	1	1	2	1	1	2	1	2			1.5

PERCENTAGE OF DATA VALID - 94.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 5.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	0	0	2	2	3	0	3	0	2	1
2	2	0	3	2	0	0	0	2	0	0	0	0	1
3	2	3	0	0	1	0	0	0	0	0	0	0	1
4	0	2	0	0	0	1	0	0	0	3	0	0	1
5	2	2	0	0	2	0	0	0	0	0	2	2	1
6	0	5	2	0	0	2	2	0	2	0	3	0	1
7	2	0	0	0	0	0	2	2	0	2	0	0	1
8	0	0	0	0	1	2	0	2	0	2	0	2	1
9	0	0	0	0	3	0	2	0	3	0	0	0	1
10	2	2	2	0	0	0	0	0	0	2	0	0	0
11	2	2	2	0	1	2	2	2	2	0	3	0	2
12	2	2	0	3	3	0	2	0	0	3	0	0	1
13	0	4	0	2	5	2	0	3	5	0	3	0	2
14	2	0	0	0	0	3	3	3	3	2	2	0	2
15	4	2	1	0	0	0	2	2	0	2	0	0	1
16	1	2	3	0	0	0	2	2	2	2	2	0	1
17	0	0	0	0	0	2	2	0	0	2	0	2	1
18	2	0	0	2	2	0	3	0	0	0	0	0	1
19	2	2	5	0	2	0	4	0	2	3	0	2	1
20	2	0	0	0	3	0	0	2	0	0	0	0	2
21	0	0	3	0	3	2	0	4	0	2	0	0	1
22	0	2	0	2	0	0	2	2	0	0	2	0	1
23	2	0	2	3	0	2	2	0	0	0	2	0	1
24	1	0	0	2	0	2	3	0	0	0	2	2	1
25	0	2	2	0	0	3	0	0	0	0	0	2	1
26	0	0	0	2	0	3	0	2	0	0	0	0	1
27	0	0	2	0	0	3	0	2	2	0	2	0	1
28	2	0	2	0	0	0	0	0	0	0	3	0	0
29	1	1	2	3	2	1	2	0	0	3	5	5	2
30	1	1	3	2	2	2	0	0	0	0	0	2	1
31	0	0	0	0	0	3	2	0	0	2	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	1	3	0	0	0	0	0	0	0	1	1
2	0	3	2	4	3	1	0	3	0	0	0	3	2
3	1	2	0	0	2	0	0	0	0	2	0	0	1
4	0	5	2	0	2	2	3	0	2	0	2	2	2
5	0	0	2	1	0	0	0	0	0	2	3	0	1
6	2	2	2	0	0	0	0	0	0	2	0	0	1
7	1	0	0	2	0	3	2	0	5	3	2	3	2
8	2	0	0	2	0	0	1	2	0	2	0	0	1
9	0	2	0	0	0	0	1	0	2	0	1	0	1
10	2	0	0	0	0	0	0	0	0	0	1	3	1
11	3	3	0	0	0	3	0	3	0	0	0	0	1
12	4	0	0	0	3	0	1	0	0	0	0	0	1
13	0	0	1	2	0	0	0	1	0	0	0	0	1
14	2	0	1	3	0	2	0	0	0	3	1	5	1
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25	****	****	****	****	****	****	****	2	0	2	2	0	*****
26	5	0	0	3	2	2	3	0	2	3	0	0	2
27	1	0	0	0	2	0	2	1	0	3	0	4	1
28	2	1	0	0	0	0	0	2	0	3	0	0	1
29	0	0	2	0	0	2	2	0	2	0	1	0	1
30	2	0	0	0	2	0	0	3	1	0	3	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 64.2

PERCENTAGE OF DATA INVALID - 73.3

PERCENTAGE OF DATA UNAVAILABLE --37.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	0	2	2	3	0	0	2	0	3	1
2	2	5	2	0	0	0	2	0	0	0	2	0	1
3	0	0	0	0	0	3	0	2	0	3	0	0	1
4	1	0	0	0	1	3	0	0	2	0	0	0	1
5	0	0	2	2	0	0	0	2	0	0	0	0	1
6	1	2	2	0	0	3	3	0	2	2	0	0	1
7	2	0	2	0	2	0	2	2	0	0	3	0	1
8	2	1	2	0	0	0	2	2	0	2	2	3	1
9	0	2	2	2	1	0	3	0	0	2	0	1	1
10	3	3	1	0	0	0	3	0	0	2	0	2	1
11	2	0	2	0	0	0	4	2	0	3	2	3	2
12	0	3	2	0	0	2	0	0	1	0	2	0	1
13	2	0	0	0	3	0	3	2	0	0	0	2	1
14	0	0	1	0	3	0	2	0	0	0	0	0	1
15	0	0	2	0	0	1	2	0	1	1	1	0	1
16	0	0	0	2	3	2	2	0	0	0	2	0	1
17	0	0	3	0	0	0	3	0	2	0	0	2	1
18	0	0	3	2	0	0	3	0	0	0	0	4	1
19	0	3	0	2	0	2	0	0	2	0	3	0	1
20	2	0	0	3	2	2	2	0	0	2	2	0	1
21	0	1	3	0	2	1	1	2	0	0	5	0	1
22	1	0	2	0	2	0	0	0	0	2	2	0	1
23	0	0	0	0	2	0	0	2	3	0	1	0	1
24	1	0	2	2	0	0	0	2	0	2	0	2	1
25	0	1	0	0	0	0	0	1	0	0	0	0	0
26	0	0	2	2	1	0	0	0	2	1	3	0	1
27	0	2	0	1	0	0	0	1	0	0	0	0	0
28	0	0	1	1	0	0	3	0	0	0	0	1	1
29	1	2	0	2	0	1	1	0	0	0	2	0	1
30	2	0	0	2	0	3	0	2	2	2	0	2	1
31	0	0	1	0	2	0	0	0	2	0	2	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	3	3	0	2	2	0	0	0	0	1
2	2	2	0	0	0	1	4	2	1	0	1	1	1
3	2	0	0	0	0	3	0	0	0	2	1	2	1
4	0	1	3	1	2	2	2	0	2	0	0	0	1
5	3	1	2	0	2	2	1	0	0	0	0	1	1
6	0	2	0	0	2	0	2	2	0	1	0	0	1
7	2	0	2	0	0	0	0	0	0	1	0	3	1
8	1	2	1	1	2	3	1	0	2	1	0	3	1
9	3	0	0	3	0	0	3	2	2	0	3	2	2
10	3	0	0	0	2	3	2	0	0	0	0	3	1
11	0	2	0	3	0	1	2	5	5	3	2	0	2
12	2	2	0	3	5	2	0	0	1	1	0	2	2
13	0	0	0	2	0	2	0	0	0	1	0	0	0
14	3	0	1	1	0	1	0	0	2	0	2	0	1
15	3	0	1	1	0	1	0	3	0	3	4	0	1
16	0	2	0	0	0	0	0	6	0	3	0	0	1
17	2	1	0	0	0	2	0	0	2	0	2	0	1
18	3	0	2	1	5	0	0	0	2	3	5	2	2
19	3	0	1	1	0	0	3	2	2	2	0	0	1
20	1	0	0	2	0	2	0	****	3	0	3	3	1
21	0	0	3	0	1	1	2	2	0	0	2	3	1
22	3	0	2	0	2	0	0	2	0	2	0	3	1
23	0	5	0	2	0	0	3	0	4	0	0	1	1
24	0	1	0	0	1	2	0	2	0	2	0	0	1
25	0	0	2	0	3	0	0	2	2	2	0	0	1
26	0	0	3	3	0	0	2	0	2	3	0	0	1
27	2	0	2	0	0	1	0	2	0	0	0	0	1
28	0	0	5	0	2	1	3	5	2	2	3	3	2
29	0	0	0	0	0	5	0	0	7	0	0	0	1
30	0	0	0	2	3	0	2	2	0	2	2	0	1
31	2	0	0	0	4	0	0	0	2	1	2	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	6	0	1	1	0	2	3	0	0	1
2	0	0	0	2	0	1	3	0	2	1	0	3	1
3	2	5	1	1	0	5	2	0	2	1	2	0	2
4	2	3	0	2	0	0	0	0	2	0	2	1	1
5	0	2	2	0	0	0	3	2	0	5	0	6	2
6	0	2	0	1	3	0	0	1	0	2	0	0	1
7	0	0	5	0	0	2	0	***	0	1	0	0	1
8	6	3	0	2	5	2	***	***	***	***	0	3	1
9	***	***	***	***	***	***	***	4	5	2	***	***	1
10	0	0	5	0	2	0	1	3	0	5	1	0	2
11	0	1	0	0	2	1	0	3	2	3	0	4	1
12	3	6	1	8	0	1	0	0	2	7	0	0	2
13	0	0	0	5	0	2	2	0	0	3	0	0	1
14	4	0	2	4	2	0	3	0	5	0	5	0	2
15	0	2	2	0	0	0	0	2	8	2	0	0	1
16	2	0	0	0	0	0	0	0	2	0	2	1	2
17	2	0	2	2	3	0	4	0	3	1	0	6	1
18	0	0	1	0	0	0	1	0	2	1	0	2	0
19	2	0	0	6	0	2	2	0	3	0	0	2	1
20	1	0	2	4	2	0	0	***	2	0	2	1	1
21	2	1	0	3	0	0	0	0	0	3	0	0	1
22	0	0	2	0	2	4	0	0	0	2	0	0	1
23	2	0	2	1	0	0	1	0	0	0	0	0	1
24	0	2	0	0	0	2	4	0	2	0	0	0	1
25	0	0	2	0	0	0	2	0	0	0	0	0	1
26	0	0	2	0	0	0	2	0	0	2	0	0	1
27	4	0	0	0	2	0	3	0	0	1	0	0	1
28	0	0	0	2	3	2	0	0	0	3	2	0	1
29	0	0	1	0	2	0	0	0	2	0	0	1	0
30	2	1	1	2	2	0	2	3	2	2	3	0	2
MEAN	1	1	1	2	1	1	1	1	2	2	1	1	1.2

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 4.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	3	1	4	2	***	0	0	0	1	1
2	2	0	2	2	2	0	1	1	1	0	3	5	2
3	1	2	2	0	2	0	2	0	0	1	0	2	1
4	3	0	0	2	0	2	0	2	2	1	2	0	1
5	0	0	0	1	2	0	1	2	0	1	3	1	1
6	0	2	0	2	2	3	2	0	0	2	0	0	1
7	0	2	1	0	3	0	2	0	0	2	0	0	1
8	2	2	2	0	0	2	0	1	2	0	3	0	1
9	0	2	1	0	0	2	0	2	0	2	1	3	1
10	0	0	0	0	5	0	0	0	2	0	2	0	1
11	0	0	0	2	0	0	3	0	0	0	2	0	1
12	0	2	0	2	2	0	2	2	2	0	0	2	1
13	2	2	0	0	0	0	0	0	0	2	0	0	1
14	0	5	2	2	3	2	1	0	0	2	2	0	2
15	0	0	0	0	0	2	1	0	3	2	0	0	1
16	0	0	0	1	1	3	0	0	0	0	2	0	1
17	6	2	0	0	0	1	5	0	0	0	2	2	1
18	5	0	0	0	0	5	2	0	0	0	0	0	1
19	2	2	0	2	0	0	2	0	0	0	0	0	1
20	2	2	0	0	2	2	2	2	0	2	0	1	1
21	0	1	0	0	2	0	2	0	4	0	0	2	1
22	1	2	2	5	2	3	0	1	0	2	0	2	2
23	0	2	0	0	1	2	0	3	0	2	0	0	1
24	0	0	0	2	0	2	2	5	0	2	2	3	2
25	1	0	2	0	0	4	0	0	0	0	2	0	1
26	2	0	0	2	0	2	2	0	0	2	0	2	1
27	0	1	0	0	0	2	1	0	0	0	0	2	0
28	2	0	2	0	2	0	0	2	0	0	0	0	0
29	0	0	2	0	3	0	0	2	3	2	2	0	1
30													1
31	2	3	0	2	2	2	0	3	0	2	4	0	2
MEAN	1	1	1	1	1	2	1	1	1	1	1	1	1.0

- DATA UNAVAILABLE -

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	5	0	3	5	0	0	1	0	0	2	0	1
2	1	0	0	0	3	2	3	2	2	0	0	0	1
3	2	3	0	0	2	2	0	0	2	2	0	0	1
4	3	2	2	3	1	0	5	2	4	3	0	0	2
5	0	0	2	2	2	0	3	0	3	0	2	0	1
6	3	0	2	0	5	5	0	0	0	0	2	0	1
7	0	0	3	0	0	0	0	0	0	0	0	0	0
8	0	0	2	0	2	2	0	0	1	0	0	0	1
9	0	1	4	2	2	0	0	0	3	3	0	1	1
10	0	0	1	2	0	1	4	2	0	2	0	3	1
11	0	0	2	2	2	0	1	0	3	2	0	3	1
12	2	0	0	0	0	2	2	0	0	0	1	1	1
13	1	1	0	2	0	2	1	2	0	2	0	2	1
14	0	3	1	4	1	1	1	0	0	5	2	0	2
15	0	2	0	1	0	0	1	0	0	0	0	0	0
16	2	2	5	0	5	0	4	1	1	0	0	2	2
17	2	3	5	0	0	0	0	0	0	2	0	1	1
18	2	1	0	2	0	2	5	0	1	2	5	0	2
19	2	1	3	1	0	0	0	0	2	0	4	0	1
20	2	2	2	1	0	0	0	0	2	0	0	0	1
21	1	0	2	2	2	0	2	2	0	0	0	0	1
22	1	1	2	0	1	0	0	2	0	1	0	0	1
23	0	0	2	2	2	0	1	3	3	1	2	0	1
24	2	0	0	1	2	2	0	0	0	2	1	5	1
25	0	1	3	0	0	0	0	0	0	0	0	1	0
26	3	2	0	0	0	3	0	0	0	1	0	0	1
27	2	4	0	0	1	2	3	0	6	1	0	2	2
28	1	4	1	0	0	2	2	0	0	1	0	0	1
29	0	1	0	0	0	0	***	0	2	3	0	2	1
30	5	2	3	2	0	4	1	2	0	0	1	0	2
MEAN	1	1	2	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	2	1	0	0	2	2	2	0	2	2	1
2	2	2	1	0	0	2	3	1	1	6	0	5	2
3	1	2	0	5	0	1	0	0	0	1	0	2	1
4	2	0	2	3	0	1	0	0	3	0	6	0	1
5	3	0	0	2	0	0	3	1	0	1	2	0	1
6	3	1	2	3	0	0	2	2	0	2	2	4	2
7	3	1	0	1	0	2	2	2	0	0	0	2	1
8	0	2	0	2	1	3	0	0	2	0	0	2	1
9	3	0	0	0	0	2	3	0	2	3	1	0	1
10	2	2	1	2	1	0	2	2	2	2	0	2	2
11	0	1	1	0	1	4	1	0	1	0	0	2	1
12	0	4	0	0	2	0	5	2	2	0	1	3	2
13	2	2	2	0	1	2	1	0	2	2	0	0	1
14	2	2	3	2	0	2	0	0	0	0	0	0	1
15	3	3	1	0	5	2	0	6	0	0	1	3	2
16	0	2	2	0	3	0	3	4	0	0	2	0	1
17	2	0	0	0	2	0	2	0	2	2	0	0	1
18	0	0	3	4	0	0	0	2	1	0	0	0	1
19	1	1	0	2	0	2	5	0	0	3	0	2	1
20	0	2	6	0	0	0	0	3	3	2	2	0	2
21	0	2	1	0	4	2	2	2	2	2	6	0	2
22	0	0	3	0	0	2	2	0	1	0	0	0	1
23	0	0	0	1	0	0	2	2	1	1	0	2	1
24	0	0	0	0	0	0	3	0	0	0	0	0	0
25	1	0	1	1	0	2	2	0	0	0	1	2	1
26	2	2	0	0	2	0	0	0	3	3	2	2	1
27	0	0	2	0	2	4	6	0	0	0	1	1	1
28	1	4	2	1	0	2	1	2	5	0	1	0	2
29	0	0	2	2	0	2	2	0	0	0	0	3	1
30	7	0	0	1	0	1	0	0	0	0	0	0	1
31	0	0	0	2	0	0	0	1	5	0	3	0	1
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	1.5	3	8
FEB	16	2.9	6	15
MAR	17	1.8	4	9
APR	28	1.5	2	9
MAY	31	1.1	2	5
JUN	19	1.0	2	5
JUL	31	0.9	2	5
AUG	31	1.1	2	7
SEP	28	1.2	2	8
OCT	30	1.0	2	6
NOV	30	1.1	2	6
DEC	31	1.2	2	7
YEAR	312	1.3	6	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	221	21	0	0	0	0	0	242
FEB	145	51	3	0	0	0	0	199
MAR	190	26	0	0	0	0	0	216
APR	310	31	0	0	0	0	0	341
MAY	366	6	0	0	0	0	0	372
JUN	227	4	0	0	0	0	0	231
JUL	370	2	0	0	0	0	0	372
AUG	360	11	0	0	0	0	0	371
SEP	325	20	0	0	0	0	0	345
OCT	350	9	0	0	0	0	0	359
NOV	345	14	0	0	0	0	0	359
DEC	358	14	0	0	0	0	0	372
YEAR	3567	209	3	0	0	0	0	3779

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.0	0	0.0	0.0	0.0	1.5	2.8	4.2	5.3	6.5	15	1.3

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	2	4	2	6	3	2	1	2	0	0	1	0	2
22	1	0	1	0	1	4	0	1	2	0	1	1	1
23	2	2	2	2	2	2	4	1	5	7	2	2	3
24	3	1	5	1	3	3	5	12	13	9	3	9	6
25	6	7	2	5	20	7	9	2	2	4	0	0	5
26	6	2	3	1	1	1	0	****	-	-	-	-	*****
27													
28													
29													
30													
31													
MEAN	3	3	3	3	5	3	3	4	4	4	1	2	3.2

PERCENTAGE OF DATA VALID - 18.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 81.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4									7	3	2	3	*****
5	2	4	2	3	0	2	5	0	0	0	2	0	2
6	0	0	6	7	12	2	0	2	2	0	2	0	3
7	0	0	2	0	1	0	0	2	3	0	2	2	1
8	1	1	2	3	1	0	1	2	3	0	2	2	2
9	3	0	1	3	0	3	9	0	2	2	4	2	2
10	0	4	8	4	4	2	3	0	2	4	4	2	3
11	2	4	7	2	6	7	9	12	14	4	5	3	6
12	0	0	5	4	2	2	1	2	5	1	0	0	2
13	2	4	0	0	2	6	0	6	2	0	1	2	2
14	4	5	0	2	5	0	3	0	2	0	0	2	2
15	0	0	2	0	6	2	0	2	0	2	5	1	2
16	0	4	0	2	0	0	0	3	5	3	8	0	2
17	2	0	4	0	0	3	0	2	6	2	0	0	2
18	0	2	0	2	2	0	3	1	4	0	2	8	2
19	7	0	6	2	2	11	10	5	0	7	6	0	5
20	8	0	0	****	****	2	6	6	4	7	5	4	4
21	7	4	3	5	4	3	5	3	2	2	8	12	5
22	0	0	2	0	0	0	3	6	3	5	0	4	2
23	0	5	4	4	2	0	3	3	7	6	4	1	3
24	3	4	0	3	8	2	2	0	7	5	0	1	3
25	6	10	6	2	10	3	4	0	3	3	9	4	5
26	8	3	1	6	6	0	4	0	0	4	2	2	3
27	2	1	5	3	3	0	0	1	2	0	2	0	2
28	5	2	6	0	10	0	5	4	0	2	0	1	3
29	1	1	1	2	0	2	2	0	1	4	2	2	2
30	0	2	3	0	3	2	4	5	2	0	4	2	2
31	2	5	2	0	0	0	0	2	3	5	1	0	2
MEAN	2	2	3	2	3	2	3	3	3	3	3	2	2.7

PERCENTAGE OF DATA VALID - 90.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 8.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	0	2	0	5	0	1	0	4	6	3	2
2	0	3	2	5	0	0	7	0	2	0	1	2	2
3	0	0	0	0	0	1	0	3	2	4	0	2	1
4	4	0	3	0	3	0	0	3	0	2	1	0	1
5	2	0	0	3	2	3	0	3	1	0	5	2	2
6	5	0	2	0	0	0	2	0	0	2	0	0	1
7	3	3	0	2	0	0	0	0	2	2	0	2	1
8	2	0	0	0	2	0	0	2	2	4	0	0	1
9	0	4	2	0	3	2	0	2	0	3	3	4	1
10	0	3	4	0	2	3	1	0	1	0	0	3	2
11	2	0	2	0	0	2	0	0	0	2	0	2	1
12	2	0	0	2	0	2	0	0	0	0	0	0	1
13	4	0	0	3	0	2	2	3	1	0	4	3	2
14	2	0	3	6	2	3	2	6	2	3	7	4	3
15	8	6	3	8	7	4	9	5	2	2	4	1	5
16	0	0	0	3	1	0	2	0	0	3	5	2	1
17	2	2	4	6	0	5	0	0	2	2	4	5	3
18	2	5	6	2	3	0	4	0	0	3	0	1	2
19	6	3	3	8	0	0	0	2	0	2	3	0	2
20	3	0	0	3	0	2	0	3	2	2	4	1	2
21	0	0	1	0	2	1	3	1	2	3	0	3	1
22	3	2	2	1	4	2	0	2	0	3	0	2	2
23	0	1	0	2	1	1	0	2	0	0	2	2	1
24	2	0	2	5	3	0	2	2	3	2	0	0	2
25	2	2	2	2	0	0	0	0	0	2	0	0	1
26	1	0	0	0	0	0	3	4	0	2	2	0	1
27	5	0	0	3	7	1	0	3	0	3	0	4	2
28	0	0	0	3	0	0	0	2	0	2	0	0	1
29	2	0	2	0	2	2	3	0	0	1	2	1	1
30	1	2	3	2	0	3	0	2	0	2	0	3	2
MEAN	2	1	2	2	1	1	1	2	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	5	1	0	3	2	3	1	5	2	3	2
2	3	2	0	3	3	1	1	0	0	0	2	3	2
3	0	2	0	4	0	3	0	0	2	0	0	2	1
4	0	2	0	2	1	3	2	4	2	5	1	3	2
5	3	3	5	2	3	0	5	4	2	3	2	2	3
6	2	0	0	2	2	1	0	0	0	2	0	4	1
7	0	0	0	1	2	0	0	2	2	2	2	5	1
8	3	2	0	2	0	3	2	2	0	0	2	3	2
9	0	2	1	4	2	2	1	3	2	0	6	3	2
10	2	5	5	0	5	2	3	7	2	2	0	5	3
11	0	0	2	2	2	0	3	0	5	2	1	2	2
12	0	3	0	2	2	1	2	0	0	2	0	2	1
13	1	6	2	-	-	-	-	-	-	-	-	-	*****
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27	-	-	-	-	-	-	2	0	2	2	5	2	*****
28	0	5	4	5	5	3	0	2	3	2	6	2	3
29	2	3	2	2	3	2	3	0	0	0	3	0	2
30	0	1	3	0	0	4	5	2	0	2	2	3	2
31	5	2	2	3	2	0	2	2	0	2	2	2	2
MEAN	1	2	2	2	2	2	2	2	1	2	2	3	1.9

PERCENTAGE OF DATA VALID - 54.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 46.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	0	3	0	2	0	0	2	0	0	3	1
2	5	3	3	2	0	0	2	0	0	0	3	0	2
3	5	2	0	3	0	1	0	0	0	0	0	0	1
4	0	3	0	0	2	0	2	0	0	0	0	0	1
5	3	3	4	3	2	0	0	0	0	3	0	2	1
6	2	0	0	2	0	5	0	0	0	0	2	0	2
7	3	0	0	1	0	0	0	2	0	0	1	3	1
8	7	1	2	2	5	3	0	0	0	2	0	3	1
9	5	0	2	1	2	0	****	0	0	4	0	2	2
10	2	1	7	4	0	2	3	9	5	3	2	12	4
							2	0	0	4	4	8	3
11	2	5	2	3	1	2	1	1	2	0	4	2	2
12	0	2	2	0	2	0	2	0	0	2	0	3	1
13	2	0	2	5	0	2	2	0	8	2	5	5	3
14	0	2	3	3	10	3	2	2	2	2	0	1	3
15	2	3	3	2	5	2	****	10	2	7	2	5	4
16	2	0	2	2	1	2	2	0	2	1	0	2	1
17	2	1	0	0	0	0	0	0	0	0	2	0	0
18	1	1	4	2	1	2	1	0	2	1	2	2	2
19	6	0	3	3	0	0	0	0	0	2	0	0	1
20	2	0	0	2	1	0	2	0	1	0	3	2	1
21	1	2	1	1	2	2	****	3	1	1	1	2	2
22	1	3	1	0	1	1	5	2	1	3	0	1	2
23	2	1	4	1	2	3	3	5	1	0	3	2	2
24	0	3	2	5	4	11	7	2	2	2	0	0	3
25	1	0	2	0	2	1	****	0	2	0	0	2	1
26	1	0	0	1	0	1	0	0	0	1	0	0	0
27	5	0	0	4	3	3	0	2	4	3	4	0	0
28	2	0	2	0	2	0	2	2	1	0	1	2	2
29	5	1	2	3	0	0	4	0	0	5	2	0	1
30	3	0	0	0	2	2	1	3	0	3	0	1	2
MEAN	2	1	2	2	2	2	2	1	1	2	1	2	1.7

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	5	2	0	4	0	0	0	0	2	1
2	7	2	2	0	0	1	0	0	2	0	2	0	1
3	0	3	2	0	2	1	0	4	0	2	1	0	1
4	3	1	0	1	0	2	1	0	0	0	0	2	1
5	0	2	2	1	2	2	0	3	1	1	3	1	2
6	0	2	0	2	0	3	2	5	0	0	1	0	1
7	7	7	3	5	3	8	3	7	2	0	1	0	2
8	0	2	3	3	0	0	0	2	2	0	2	5	4
9	0	3	0	0	0	0	0	2	2	2	2	2	2
10	0	0	3	2	3	3	3	2	0	3	3	2	1
									3	3	0	9	3
11	7	3	5	9	9	0	2	0	0	5	0	2	4
12	0	0	2	2	0	0	0	2	0	0	1	0	1
13	3	0	0	0	2	3	0	7	0	1	0	0	1
14	0	0	0	0	0	0	7	0	0	3	6	2	2
15	3	0	0	2	0	0	0	2	2	6	1	3	2
16	0	3	3	5	2	0	0	3	0	1	0	0	2
17	0	3	2	0	0	3	5	2	5	0	0	0	1
18	3	0	0	0	0	0	2	5	0	2	2	2	2
19	0	3	0	2	0	0	5	3	4	7	3	3	2
20	2	5	3	0	2	2	3	3	8	4	6	5	3
													4
21	2	0	0	3	2	2	0	2	0	0	0	0	1
22	2	0	0	3	0	5	2	0	1	3	5	0	2
23	4	5	1	0	5	5	4	8	7	1	3	3	4
24	3	0	0	7	2	0	4	0	2	1	2	0	2
25	0	2	2	0	4	3	2	5	0	1	5	0	2
26	0	2	2	2	7	2	0	0	2	4	2	5	2
27	0	3	2	0	0	4	2	2	0	3	0	1	1
28	2	2	0	3	0	5	0	0	4	3	0	3	2
29	0	0	0	3	0	3	2	3	0	3	2	0	1
30	0	2	2	2	0	5	5	0	7	2	2	0	2
31	5	0	5	0	2	0	0	5	3	4	0	2	2
MEAN	2	2	1	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	7	0	2	3	0	0	2	3	0	2
2	0	0	0	0	0	1	0	7	0	2	2	0	1
3	3	2	13	3	7	2	0	0	0	2	0	4	3
4	2	2	7	0	0	1	2	5	2	3	6	4	3
5	5	1	2	5	3	4	3	3	0	3	4	3	3
6	1	0	1	2	0	2	0	0	2	3	3	0	1
7	4	0	0	5	0	1	0	0	0	3	3	0	2
8	4	0	3	2	0	2	0	2	4	3	6	0	2
9	0	7	2	0	4	2	2	0	2	2	1	0	2
10	0	0	0	1	1	4	6	***	0	2	0	9	3
11	0	2	2	5	5	6	3	0	2	3	5	5	3
12	2	7	4	3	2	5	1	3	5	2	2	3	3
13	3	1	4	0	4	0	6	0	4	0	6	0	2
14	6	7	4	0	2	0	0	4	2	0	0	0	2
15	5	3	0	0	4	0	2	0	2	4	5	0	2
16	2	5	0	3	5	0	1	0	1	3	0	0	2
17	3	2	2	3	0	0	2	0	0	2	6	5	2
18	0	2	2	5	1	3	2	2	3	0	6	2	2
19	2	0	0	2	1	0	1	3	0	2	6	2	2
20	0	4	2	6	2	5	3	11	4	8	5	0	4
21	5	5	4	2	3	1	3	0	5	2	7	1	3
22	7	2	3	8	3	0	2	2	1	5	4	2	3
23	0	2	2	5	2	0	0	2	4	0	2	1	2
24	1	2	5	0	4	2	***	0	5	3	4	2	3
25	1	2	4	5	1	2	1	4	0	1	3	0	2
26	0	0	0	3	3	3	5	7	5	10	3	3	4
27	6	4	3	7	3	5	5	1	8	2	3	0	4
28	4	2	9	2	6	2	0	5	0	3	0	0	3
29	1	0	3	3	0	0	0	2	2	0	2	5	2
30	0	3	5	2	0	4	0	0	2	1	1	3	2
31	0	3	1	2	4	0	***	3	5	3	4	0	2
MEAN	2	2	3	3	2	2	2	2	2	2	3	2	2.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	2	4	2	0	3	6	0	0	0	0	0	2
2	0	0	0	0	4	0	0	0	0	1	4	7	1
3	1	0	0	5	3	0	1	2	7	5	5	0	2
4	4	6	1	2	3	0	0	6	0	0	5	0	2
5	0	3	2	1	6	0	0	3	0	2	0	3	2
6	2	0	0	0	0	0	0	2	0	6	0	6	1
7	2	0	3	2	2	0	2	***	2	2	0	1	1
8	3	2	1	3	0	4	0	7	8	1	3	0	3
9	0	2	7	5	6	3	7	4	3	2	5	9	4
10	4	0	0	1	0	0	0	3	0	0	0	0	1
11	0	3	0	4	0	1	0	0	0	0	0	0	1
12	0	3	9	3	3	1	0	0	0	0	4	0	2
13	3	2	6	6	4	3	0	2	5	1	2	2	3
14	5	6	3	6	2	7	2	***	7	3	6	0	4
15	5	5	5	2	5	6	0	1	0	1	4	3	3
16	0	0	1	2	9	7	2	1	1	5	6	3	4
17	1	5	2	0	5	2	0	3	1	2	1	2	3
18	3	4	0	0	0	0	0	0	2	1	2	0	2
19	0	5	0	0	0	0	0	4	6	0	4	0	1
20	0	3	4	1	3	4	0	0	0	4	2	0	1
21	2	7	2	0	6	2	0	9	1	2	0	2	3
22	4	0	3	2	0	0	4	0	0	0	2	2	1
23	0	4	0	3	3	2	0	0	0	3	0	0	1
24	3	0	0	2	4	2	1	0	2	0	2	1	1
25	5	0	1	6	2	1	2	0	4	6	0	2	2
26	2	0	0	0	1	2	1	0	3	2	2	2	1
27	4	2	0	0	0	3	1	2	2	1	2	0	1
28	0	0	0	3	2	0	0	4	4	2	2	0	1
29	2	1	1	1	0	3	1	3	3	2	1	1	1
30	0	2	2	6	2	2	2	5	0	0	7	3	2
MEAN	2	2	2	2	3	2	1	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	3	1	1	1	2	5	3	7	7	3
2	5	2	2	7	2	7	2	2	0	3	9	7	4
3	7	0	7	5	3	0	0	3	2	3	7	0	3
4	7	1	5	13	1	3	0	5	2	4	5	4	4
5	3	0	5	5	2	3	0	4	0	0	2	0	2
6	2	5	0	2	0	3	2	0	2	5	0	0	2
7	0	5	0	0	3	0	0	7	1	0	3	0	2
8	0	0	0	0	0	0	0	0	0	0	1	2	0
9	0	0	2	0	0	0	0	0	0	5	0	0	1
10	1	0	2	3	0	0	7	0	0	0	2	2	1
11	7	5	0	3	0	2	3	1	0	0	4	9	3
12	2	2	3	5	0	3	3	0	3	1	5	3	3
13	7	5	7	9	7	5	0	***	0	5	5	0	5
14	0	4	0	0	3	0	0	2	2	3	2	0	1
15	3	3	3	3	2	0	4	1	3	1	0	0	2
16	2	0	0	0	0	1	0	0	3	0	2	0	1
17	3	0	3	2	2	3	0	0	2	0	0	3	2
18	2	0	2	2	2	5	3	3	5	5	0	2	3
19	2	2	5	4	0	0	0	***	0	3	0	0	1
20	0	3	3	2	0	3	0	0	1	0	3	2	1
21	0	2	5	5	0	0	2	0	0	0	2	0	1
22	0	1	0	3	2	0	3	2	0	0	0	0	1
23	2	0	0	0	2	2	2	0	3	3	9	3	2
24	3	2	0	0	0	2	2	3	2	0	2	0	1
25	1	0	0	2	4	0	3	***	-	-	-	-	*****
26													
27													
28													
29													
30													
31													
MEAN	2	2	2	3	1	2	1	2	2	2	3	2	2.0

- DATA UNAVAILABLE -  
- DATA UNAVAILABLE -  
- DATA UNAVAILABLE -  
- DATA UNAVAILABLE -  
- DATA UNAVAILABLE -  
- DATA UNAVAILABLE -

PERCENTAGE OF DATA VALID - 78.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 20.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	-	-	-	-	-	-	2	0	0	1	2	2	*****
13	0	6	3	0	0	1	0	0	0	0	0	2	1
14	3	2	3	0	0	2	0	0	3	0	1	2	1
15	2	2	3	7	8	0	2	0	3	0	3	5	3
16	3	3	0	0	2	0	2	2	1	3	0	2	2
17	5	2	3	6	2	5	5	3	5	2	2	4	4
18	0	0	2	5	0	0	0	0	3	2	1	3	1
19	0	2	2	2	5	0	0	4	0	3	0	2	2
20	2	0	2	5	0	5	1	1	0	5	2	1	2
21	3	0	0	0	1	0	2	0	2	0	3	5	1
22	0	2	0	3	3	6	0	2	7	2	0	0	2
23	0	0	0	0	2	2	0	0	0	5	0	2	1
24	3	0	2	0	1	0	3	***	2	1	2	0	1
25	4	5	0	2	0	0	0	3	0	2	0	2	2
26	2	4	0	0	0	0	0	0	0	0	0	2	1
27	2	0	1	1	0	0	5	0	2	6	2	0	2
28	2	0	3	0	0	2	0	0	1	0	2	0	1
29	0	0	0	0	0	2	0	1	1	3	1	2	1
30	0	0	0	0	0	0	2	0	2	0	0	0	0
MEAN	2	2	1	2	1	1	1	1	2	2	1	2	1.5

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

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- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

- DATA UNAVAILABLE -

PERCENTAGE OF DATA VALID - 61.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 38.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 48002

\*MTC YARD 9 STOUFFVILLE

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	2	3	0	2	1	0	0	1	0	2	1
2	0	2	0	1	0	0	1	1	1	2	1	0	1
3	2	2	1	1	0	1	1	3	0	7	2	1	2
4	0	0	0	2	0	1	0	2	0	2	1	0	1
5	2	0	0	3	0	0	0	0	0	0	2	2	1
6	0	0	0	2	3	0	3	0	2	0	2	2	1
7	0	1	0	2	2	2	1	2	0	0	1	0	1
8	2	0	0	0	0	2	0	***	-	2	3	3	1
9	2	0	0	0	2	0	2	3	2	0	0	0	1
10	0	6	0	3	3	0	4	4	4	2	2	0	2
11	0	1	0	1	3	1	2	3	1	8	0	2	2
12	3	2	4	4	4	2	2	5	6	1	2	0	3
13	2	0	0	1	2	0	0	5	4	7	5	2	2
14	5	0	2	0	2	4	3	0	0	2	0	3	2
15	4	0	2	0	0	0	2	2	6	2	1	4	2
16	7	3	6	6	1	0	2	5	6	2	5	7	4
17	1	2	5	5	5	6	2	0	2	3	1	5	3
18	6	0	1	2	3	5	2	1	3	2	4	0	2
19	2	3	2	4	7	3	6	13	5	13	5	8	6
20	4	6	1	3	2	2	5	1	3	2	3	2	3
21	0	0	0	2	0	0	2	4	0	1	2	0	1
22	3	0	2	2	2	0	3	2	5	3	0	3	2
23	0	2	0	4	2	4	0	0	5	2	5	3	2
24	0	6	3	2	3	0	3	1	1	0	4	8	3
25	0	3	6	4	0	1	3	3	2	3	4	9	3
26	0	0	0	2	2	2	0	2	1	2	0	2	1
27	4	1	1	2	1	4	1	5	0	2	1	1	2
28	7	0	0	4	2	0	2	0	2	0	1	3	2
29	2	2	6	****	****	****	****	***	0	2	1	0	2
30	0	0	6	0	0	1	1	0	4	1	2	4	2
31	2	0	2	1	0	0	4	0	0	0	2	2	1
MEAN	2	1	2	2	2	1	2	2	2	2	2	3	2.0

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	5	3.2	6	20
FEB	DATA UNAVAILABLE			
MAR	28	2.7	6	14
APR	30	1.6	5	9
MAY	16	1.9	3	7
JUN	30	1.7	4	12
JUL	31	1.9	4	11
AUG	31	2.4	4	13
SEP	30	2.0	4	9
OCT	24	2.0	5	13
NOV	18	1.5	4	8
DEC	30	2.0	6	13
YEAR	273	2.0	6	20

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	51	13	2	1	0	0	0	67
FEB	DATA UNAVAILABLE							
MAR	270	63	5	0	0	0	0	338
APR	334	26	0	0	0	0	0	360
MAY	180	21	0	0	0	0	0	201
JUN	326	28	2	0	0	0	0	356
JUL	322	49	1	0	0	0	0	372
AUG	303	64	2	0	0	0	0	369
SEP	305	53	0	0	0	0	0	358
OCT	248	44	1	0	0	0	0	293
NOV	200	21	0	0	0	0	0	221
DEC	321	42	2	0	0	0	0	365
YEAR	2860	424	15	1	0	0	0	3300

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
81.6	0	0.0	0.0	1.2	2.1	4.5	5.8	7.1	8.5	20	2.0

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001		MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA												MONTH - JAN 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	0	0	2	2	0	1	3	4	3	0	2	2		
2	0	0	1	0	2	1	2	0	2	4	3	0	1		
3	2	0	4	2	2	0	2	2	6	5	2	2	2		
4	0	0	0	0	3	0	0	0	2	1	0	0	1		
5	1	0	1	3	1	2	0	0	2	2	2	2	1		
6	4	2	2	3	9	6	4	2	2	2	6	1	4		
7	2	4	3	0	5	0	0	3	2	0	0	1	2		
8	2	2	3	0	0	2	0	1	3	4	5	2	2		
9	3	3	0	2	3	3	7	4	8	2	2	1	3		
10	4	0	2	2	4	2	3	0	2	7	3	6	3		
11	2	2	0	3	3	0	0	3	3	0	2	0	2		
12	0	4	0	0	***	***	***	***	5	3	7	5	3		
13	0	5	0	3	5	7	3	3	3	6	2	4	3		
14	3	0	0	2	4	2	0	2	3	3	2	3	2		
15	2	0	3	2	2	0	2	2	4	3	4	7	3		
16	4	2	2	3	2	2	2	3	2	2	2	2	2		
17	0	2	0	2	0	2	0	2	2	2	2	0	1		
18	3	2	0	2	0	0	2	3	2	5	7	4	3		
19	7	7	3	0	5	0	3	3	5	1	4	4	4		
20	3	4	2	5	2	3	7	3	5	3	0	2	3		
21	2	0	0	4	4	****	****	****	****	****	****	****	*****		
22															
23															
24															
25															
26															
27															
28	****	****	****	****	****	****	****	****	****	****	****	****	*****		
29	0	3	5	3	8	8	5	6	4	3	2	7	3		
30	0	1	0	2	2	2	2	2	1	3	3	4	2		
31	5	2	2	6	5	5	8	2	5	5	2	5	4		
MEAN	2	2	1	2	3	2	2	2	3	3	3	3	2.4		

PERCENTAGE OF DATA VALID - 75.8

PERCENTAGE OF DATA INVALID - 46.8

PERCENTAGE OF DATA UNAVAILABLE --22.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001		MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA												MONTH - FEB 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	6	6	3	3	7	2	4	3	5	9	3	5		
2	0	1	2	0	0	2	2	2	2	0	3	0	1		
3	5	0	2	5	7	4	2	0	1	4	2	5	3		
4	4	3	7	4	3	7	2	13	2	0	0	5	4		
5	2	2	0	5	4	3	0	2	3	5	5	2	3		
6	5	3	3	8	8	4	2	2	2	7	7	5	5		
7	1	4	0	0	3	2	2	3	4	2	2	2	2		
8	3	3	2	3	2	6	4	2	3	4	5	3	3		
9	2	3	2	3	2	5	6	2	5	5	4	3	3		
10	3	4	2	4	8	4	2	3	3	2	4	8	4		
11	8	2	2	2	3	2	5	2	3	3	2	0	3		
12	0	2	2	2	12	7	1	2	5	3	4	3	4		
13	7	5	7	5	7	2	0	2	2	3	2	2	4		
14	2	3	2	0	5	3	3	2	0	5	9	13	4		
15	5	7	5	5	3	4	3	3	5	9	5	3	5		
16	3	0	2	0	0	3	0	0	6	1	4	0	2		
17	2	0	1	3	0	3	2	12	3	2	4	9	3		
18	3	3	3	2	5	1	0	2	2	4	2	5	3		
19	0	5	2	3	3	1	2	4	0	1	2	1	2		
20	0	1	0	1	0	1	1	0	0	3	10	8	2		
21	9	11	9	8	7	2	4	3	3	5	4	2	6		
22	3	2	0	1	1	0	2	1	0	1	2	2	1		
23	1	2	1	2	2	2	1	2	3	0	2	4	2		
24	3	5	6	8	7	2	6	2	3	2	5	5	5		
25	8	9	5	7	5	5	7	5	5	15	15	5	8		
26	13	10	14	11	11	9	7	3	5	5	7	8	9		
27	9	8	5	4	1	0	1	0	1	0	1	3	3		
28	2	2	0	1	0	0	0	1	1	4	7	6	2		
29	6	2	2	1	2	3	5	3	5	6	3	0	3		
MEAN	4	4	3	3	4	3	3	3	3	4	5	4	3.5		

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SE NO 51001			MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA				MONTH - MAR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	0	4	1	2	1	4	1	2	2	2
2	2	0	0	1	2	2	2	4	3	3	0	3	2
3	0	2	2	0	0	***	7	0	3	5	1	5	2
4	5	4	0	5	3	3	2	2	8	1	5	2	3
5	3	0	2	3	7	3	7	5	5	0	0	3	3
6	0	0	1	2	0	2	2	3	0	7	3	5	2
7	0	3	2	4	0	3	0	5	0	0	0	3	2
8	0	0	2	5	0	2	0	2	0	2	8	9	3
9	2	7	4	4	0	6	2	3	0	3	3	7	3
10	7	3	9	3	5	7	6	2	3	0	7	3	5
11	3	0	4	2	2	0	2	0	3	7	0	4	2
12	2	7	0	7	5	3	3	7	0	5	5	5	4
13	7	3	7	2	8	2	1	2	3	0	4	0	3
14	2	2	4	2	5	2	3	0	5	0	5	0	3
15	3	0	3	0	2	2	0	2	2	2	4	7	2
16	2	5	0	5	2	1	3	3	0	4	0	0	2
17	2	0	0	2	2	2	2	2	3	0	2	6	2
18	2	2	3	2	5	5	3	2	0	7	2	6	3
19	4	6	0	4	8	3	4	2	3	4	7	5	4
20	9	8	8	11	9	8	5	9	11	13	11	2	9
21	9	3	3	0	2	7	3	0	0	3	0	3	3
22	0	0	3	2	2	2	4	3	0	4	4	7	3
23	8	0	2	4	5	3	2	3	2	2	3	0	3
24	3	2	0	4	3	3	3	1	6	0	6	2	3
25	5	3	0	5	2	2	2	3	2	2	5	1	3
26	2	2	6	2	6	2	5	2	5	3	5	5	4
27	2	7	3	2	2	3	3	6	7	1	2	0	3
28	1	2	2	0	3	0	4	2	0	2	2	1	2
29	0	3	0	4	0	2	2	3	2	5	3	2	2
30	2	2	5	3	2	2	0	2	3	2	5	2	3
31	0	4	2	2	2	3	2	2	5	5	7	3	3
MEAN	3	3	3	3	3	3	3	3	3	3	4	3	2.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SE NO 51001			MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA				MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	2	3	2	0	5	2	2	7	10	2	4
2	7	3	3	3	0	5	0	2	0	2	6	2	3
3	2	2	2	0	0	0	2	0	0	2	3	0	1
4	2	0	3	2	0	0	0	0	0	0	4	2	1
5	0	2	0	3	2	0	3	4	0	4	0	2	2
6	5	2	0	2	2	0	0	3	2	2	0	0	2
7	0	3	0	2	0	2	0	0	5	0	3	0	1
8	0	4	2	2	0	0	0	1	3	2	2	0	1
9	1	7	2	2	4	0	***	2	4	0	4	5	3
10	9	4	2	4	5	4	0	2	2	2	3	2	3
11	0	0	2	0	2	0	1	2	0	1	2	2	1
12	3	0	3	0	0	2	3	3	0	4	0	4	2
13	2	2	2	0	3	0	3	0	2	2	3	3	2
14	2	7	4	4	3	2	0	2	0	0	3	5	3
15	4	5	3	3	0	6	17	7	6	5	5	2	5
16	7	2	5	4	9	0	3	0	1	4	2	0	3
17	3	2	2	5	3	3	3	5	2	5	5	1	3
18	7	1	3	0	2	0	3	0	3	0	4	3	2
19	3	2	2	3	3	4	0	5	0	3	2	4	3
20	1	2	0	3	0	2	0	7	2	1	1	2	2
21	0	1	2	1	1	1	1	1	2	1	4	0	1
22	0	1	2	0	4	3	4	2	2	4	2	1	2
23	0	3	2	2	0	2	***	8	0	0	2	5	2
24	2	3	1	0	0	4	3	2	0	3	2	4	2
25	2	0	1	5	0	2	0	2	0	3	0	6	2
26	0	2	0	8	0	3	3	3	0	4	0	0	2
27	0	0	5	0	2	2	4	0	3	0	0	3	2
28	2	8	0	5	0	4	3	0	2	0	2	0	2
29	5	2	2	3	0	2	0	4	3	2	7	2	3
30	2	0	2	6	2	5	0	4	3	0	5	0	2
MEAN	3	3	2	3	2	2	2	2	2	2	3	2	2.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	1	5	0	4	5	0	8	1	0	5	3
2	0	3	2	2	4	3	0	5	3	0	6	2	3
3	0	7	1	3	5	1	0	8	0	0	7	0	3
4	0	3	2	0	3	4	0	0	3	2	0	5	2
5	5	0	2	3	2	0	0	3	2	0	3	1	2
6	0	2	8	0	4	0	3	0	5	2	0	5	2
7	2	0	0	3	0	2	3	0	4	0	6	3	2
8	3	0	2	3	2	2	2	0	0	3	3	0	2
9	1	2	2	2	3	0	2	2	2	8	4	7	3
10	4	9	3	5	3	3	2	0	0	5	3	3	3
11	2	0	3	8	2	1	5	4	4	5	2	3	3
12	1	2	2	0	2	0	5	3	0	2	1	2	2
13	0	2	0	3	5	2	4	2	5	1	1	0	2
14	5	4	5	4	8	9	8	3	3	1	1	5	5
15	2	0	5	2	2	3	2	0	2	2	4	5	3
16	5	5	4	3	4	4	4	4	2	2	4	10	3
17	3	0	3	2	2	2	2	4	1	4	4	2	4
18	2	1	0	0	3	2	0	3	2	2	2	2	2
19	0	2	0	1	6	0	0	3	0	3	2	2	1
20	3	5	3	4	2	1	2	2	2	2	2	0	2
21	4	0	2	4	1	2	4	2	3	2	2	2	2
22	0	0	3	2	2	2	2	2	2	0	2	4	2
23	0	3	0	4	0	2	2	2	0	2	4	0	2
24	3	2	0	3	2	0	0	2	0	3	5	13	3
25	2	0	3	2	0	2	0	3	2	2	2	2	2
26	5	0	0	5	0	7	2	2	5	1	6	3	3
27	2	2	2	2	0	2	2	0	2	0	5	3	2
28	6	3	3	5	5	0	2	2	2	4	5	2	3
29	3	4	2	2	0	0	5	2	2	0	2	2	2
30	5	8	0	2	4	0	2	2	4	3	0	3	3
31	0	2	2	1	3	2	3	3	0	5	2	2	2
MEAN	2	2	2	3	3	2	2	2	2	2	3	3	2.4

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	3	2	1	1	1	2	1	2	1	0	2
2	0	0	3	2	2	0	4	0	2	1	2	2	2
3	4	4	2	1	3	0	1	2	0	2	0	0	2
4	0	2	1	2	1	1	0	1	2	0	1	3	1
5	2	1	0	3	1	2	0	0	0	0	0	2	1
6	0	2	0	0	1	2	0	0	1	2	1	4	1
7	1	0	0	2	0	2	1	2	2	2	2	2	1
8	6	1	3	1	2	3	1	2	3	5	1	3	3
9	****	****	****	****	****	****	0	2	2	2	0	1	****
10	2	2	2	3	2	2	0	0	4	2	1	2	2
11	0	2	1	2	2	1	2	2	0	0	2	0	1
12	0	0	2	0	0	1	3	1	1	5	0	1	1
13	0	0	2	1	0	2	1	3	0	0	2	0	1
14	0	1	1	2	0	0	0	2	0	0	0	3	1
15	1	1	0	2	0	2	3	1	2	3	6	2	2
16	3	2	1	1	2	1	***	3	1	0	1	1	1
17	2	0	1	3	0	0	0	1	2	0	2	7	2
18	2	1	1	3	0	0	1	0	1	1	3	1	1
19	2	2	0	0	0	2	4	0	0	2	0	2	1
20	0	0	1	2	1	1	0	1	1	0	4	2	1
21	0	1	2	1	2	1	0	0	2	0	2	0	1
22	1	2	0	5	3	1	4	1	1	2	2	1	2
23	2	2	2	2	0	0	3	1	2	1	2	2	2
24	2	0	3	4	4	3	1	0	0	3	2	2	2
25	3	1	0	2	0	1	2	0	1	2	2	1	1
26	2	0	1	0	1	0	1	1	0	2	0	0	1
27	0	0	0	1	1	1	0	0	0	1	0	2	1
28	0	2	2	1	1	0	0	1	3	0	1	2	1
29	2	0	2	3	0	1	1	2	0	2	2	2	1
30	0	0	1	0	0	****	2	0	0	1	1	1	1
MEAN	1	1	1	2	1	1	1	1	1	1	2	2	1.3

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	2	0	1	2	0	2	4	0	2	1
2	0	0	0	1	1	2	0	0	0	1	0	2	1
3	0	0	2	0	2	1	2	1	1	0	2	1	1
4	2	0	0	2	0	0	2	0	0	0	1	1	1
5	0	1	0	1	2	2	2	0	2	3	1	2	1
6	1	1	0	2	3	2	1	0	2	2	0	4	2
7	3	4	3	9	4	4	0	0	2	4	3	3	3
8	1	2	1	2	3	0	0	6	0	5	0	0	2
9	0	0	2	0	5	2	2	0	0	0	4	0	1
10	0	2	0	3	0	5	0	5	0	5	0	2	2
11	0	0	0	0	0	3	2	0	3	0	0	0	1
12	3	0	0	0	3	0	0	0	2	0	0	0	1
13	0	0	0	0	0	0	0	0	3	0	0	2	0
14	0	1	0	7	0	1	****	0	2	2	3	6	2
15	7	2	3	0	2	0	0	0	2	0	2	2	2
16	0	0	0	0	7	3	7	3	3	2	2	5	3
17	0	0	0	0	0	2	0	2	0	0	3	0	1
18	2	0	2	0	0	0	0	0	0	0	0	3	1
19	0	0	2	5	0	2	0	3	5	0	2	3	2
20	3	2	3	3	0	7	0	3	3	3	2	0	2
21	0	3	0	1	2	2	0	0	2	****	1	0	1
22	2	3	0	2	2	2	0	0	3	2	1	0	1
23	0	3	2	3	2	2	2	****	****	****	****	****	*****
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28	****	****	****	****	****	****	****	0	0	0	3	7	*****
29	0	0	5	0	0	0	2	0	0	2	2	0	1
30	0	4	0	3	2	0	2	5	3	2	3	3	2
31	0	7	3	0	2	2	3	3	0	3	5	0	2
MEAN	1	1	1	2	2	2	1	1	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 83.3

PERCENTAGE OF DATA INVALID - 16.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	0	0	0	0	0	2	0	3	1
2	2	2	0	0	2	0	1	0	0	0	2	0	1
3	0	0	4	0	2	0	1	2	0	0	0	3	1
4	0	2	2	2	0	0	3	2	3	0	7	0	2
5	2	6	4	0	2	3	3	2	1	2	2	3	3
6	0	0	0	2	0	4	0	1	2	1	2	5	1
7	0	2	2	0	0	0	0	2	2	0	2	2	1
8	0	0	2	2	3	0	5	0	0	0	0	1	1
9	0	4	0	3	3	2	3	0	2	2	0	2	2
10	0	0	2	2	2	1	1	2	0	4	0	1	1
11	2	0	0	5	2	0	2	2	2	3	0	3	2
12	3	3	2	5	5	2	****	2	5	0	2	2	3
13	1	1	2	4	2	4	3	3	2	0	0	2	2
14	2	0	2	0	2	2	2	2	3	2	2	2	2
15	0	3	3	0	2	0	2	0	0	0	0	2	1
16	2	2	0	0	0	2	2	0	0	0	1	3	1
17	2	2	0	4	2	4	0	3	0	2	0	3	2
18	1	2	2	2	6	0	0	3	3	2	2	2	2
19	2	4	2	2	4	0	2	2	6	2	0	3	2
20	1	2	0	3	2	3	2	4	2	3	4	2	2
21	3	0	5	2	2	4	2	0	4	2	2	6	3
22	0	7	2	6	2	2	3	6	2	2	7	3	4
23	0	2	2	1	2	2	1	0	2	0	7	2	2
24	1	0	2	2	4	2	****	0	2	1	5	1	2
25	0	0	0	2	2	3	2	0	4	1	3	1	2
26	2	1	3	3	5	7	3	3	0	0	6	2	3
27	2	6	3	9	7	3	2	1	0	6	3	3	4
28	3	4	2	4	4	2	3	2	2	4	1	3	3
29	3	3	3	3	2	2	0	0	2	0	2	2	2
30	0	2	0	2	0	2	2	2	1	0	2	2	1
31	0	3	0	6	0	0	2	2	0	2	2	2	2
MEAN	1	2	2	2	2	2	2	2	2	1	2	2	1.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	4	2	1	2	2	1	0	2	0	2	2
2	2	2	0	2	0	2	2	***	0	2	2	1	1
3	7	1	2	6	5	3	0	1	0	2	2	1	3
4	0	2	2	5	3	2	3	1	0	0	0	4	2
5	0	2	0	3	0	0	3	0	2	0	1	0	1
6	0	0	2	1	2	0	1	2	1	0	0	4	1
7	0	0	0	3	5	***	***	***	***	***	***	***	***
8							- DATA INVALID -						
9	***	***	***	***	***	***	2	2	0	3	3	2	***
10	3	5	4	4	3	2	0	3	2	0	0	0	2
11	0	0	2	0	2	2	2	1	2	3	3	2	2
12	0	0	0	4	0	1	2	0	2	3	3	3	2
13	4	4	2	5	5	1	0	1	3	1	4	2	3
14	3	4	0	5	0	4	3	2	5	3	2	3	3
15	2	2	2	2	2	0	0	2	1	0	2	2	1
16	2	0	3	0	3	0	0	3	3	2	6	2	2
17	2	2	2	2	1	3	5	3	6	2	1	3	3
18	5	3	3	2	3	1	2	2	2	1	0	0	2
19	2	0	0	2	0	4	2	1	0	2	2	2	1
20	1	2	0	0	0	0	***	1	0	2	2	2	1
21	0	0	0	1	2	1	1	2	1	1	8	3	2
22	2	4	1	3	3	3	0	0	0	2	2	1	2
23	0	1	2	5	2	2	1	4	2	2	0	0	2
24	0	1	0	2	0	2	4	1	2	6	9	5	3
25	5	0	2	0	4	2	2	0	2	2	2	3	2
26	3	0	0	0	4	2	2	0	2	6	2	3	2
27	2	2	1	2	5	0	2	2	0	2	4	0	2
28	0	1	0	0	1	0	2	0	3	2	1	0	2
29	2	3	2	3	2	0	1	2	4	1	1	0	1
30	0	2	0	3	0	2	0	2	2	2	0	0	2
MEAN	2	2	1	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 92.5

PERCENTAGE OF DATA INVALID - 7.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	5	5	0	0	4	3	5	6	5	4	4
2	2	5	7	4	4	6	6	2	2	5	2	1	4
3	2	2	4	2	2	0	1	0	1	6	3	3	2
4	2	1	2	2	3	0	1	2	2	5	4	2	2
5	3	4	5	7	3	3	2	5	5	6	3	3	4
6	3	2	4	3	2	2	***	2	2	2	2	2	2
7	2	0	0	2	2	0	0	2	2	1	0	0	1
8	1	0	1	3	0	1	2	0	0	2	0	2	1
9	2	0	3	2	0	0	2	0	0	0	1	0	1
10	2	0	0	3	0	0	0	0	0	2	2	1	1
11	3	0	3	2	3	0	0	2	0	7	6	8	3
12	3	3	6	5	4	2	2	0	4	3	5	2	3
13	2	0	3	6	2	4	1	3	3	3	0	2	2
14	3	0	2	2	2	0	0	2	0	0	3	0	1
15	2	2	3	3	3	0	3	7	6	0	3	4	3
16	0	3	0	2	3	2	0	1	0	2	2	2	1
17	3	3	2	0	0	1	2	0	2	0	2	0	1
18	0	3	0	0	0	3	2	2	5	0	2	0	1
19	3	0	4	2	2	0	3	1	2	0	0	2	1
20	0	5	3	5	2	3	-	-	-	-	-	-	2
21							- DATA UNAVAILABLE -						*****
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26	-	-	-	-	-	1	0	1	2	0	0	0	*****
27	3	0	2	2	2	1	1	2	3	0	1	4	2
28	2	2	1	5	3	1	0	5	1	1	2	5	2
29	2	1	6	7	2	6	5	1	4	1	3	5	4
30	1	6	4	3	4	3	4	5	3	5	8	7	4
31	7	4	7	2	3	2	0	2	0	3	0	2	3
MEAN	2	2	3	3	2	2	2	2	2	2	2	3	2.3

PERCENTAGE OF DATA VALID - 80.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 19.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001				MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA				MONTH - NOV 76							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	0	2	6	1	2	0	4	0	6	0	1	2		
2	2	0	0	2	6	1	0	6	0	5	0	7	2		
3	2	0	9	8	6	4	2	4	4	6	8	0	4		
4	2	3	1	6	3	4	3	0	7	4	1	8	4		
5	0	2	6	0	3	6	0	3	3	0	7	8	3		
6	0	2	5	0	2	4	0	5	5	0	2	5	3		
7	0	0	8	2	2	5	3	2	0	3	0	0	2		
8	1	2	0	0	7	0	0	0	5	2	0	3	2		
9	3	5	1	0	7	5	****	3	3	0	5	0	3		
10	4	0	3	3	3	4	0	2	3	5	0	3	3		
11	0	5	0	2	3	0	2	0	4	0	3	2	2		
12	3	5	1	****	****	****	3	0	2	0	2	0	2		
13	4	3	0	4	0	2	2	0	2	0	2	2	2		
14	0	3	0	0	3	0	5	0	0	6	0	3	2		
15	3	0	5	1	0	4	2	0	4	0	0	3	2		
16	0	0	3	2	0	2	4	0	2	2	0	2	1		
17	3	2	0	4	5	2	2	8	3	0	5	5	3		
18	4	0	2	5	5	0	0	6	3	0	3	3	3		
19	0	3	2	3	0	4	3	0	2	0	3	2	2		
20	0	2	2	0	2	2	0	2	2	2	2	0	1		
21	0	2	2	0	3	3	0	2	3	0	0	2	1		
22	0	0	2	2	2	2	2	2	0	0	2	0	1		
23	0	0	2	2	0	0	3	****	****	****	****	****	*****		
24							- DATA INVALID -								
25							- DATA INVALID -								
26							- DATA INVALID -								
27							- DATA INVALID -								
28							- DATA INVALID -								
29							- DATA INVALID -								
30	****	****	****	****	****	****	****	****	0	2	2	2	*****		
MEAN	1	2	2	2	3	3	2	2	2	2	2	3	2.2		

PERCENTAGE OF DATA VALID - 75.3

PERCENTAGE OF DATA INVALID - 41.4

PERCENTAGE OF DATA UNAVAILABLE --16.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001				MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA				MONTH - DEC		76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	3	0	0	2	2	3	0	2	2	1	
2	4	2	2	3	0	5	0	3	2	2	0	3	2	
3	2	3	2	2	0	2	2	0	7	2	4	3	2	
4	2	7	2	3	2	2	2	2	1	4	6	2	3	
5	4	2	0	2	2	6	2	6	3	4	4	6	3	
6	3	5	2	3	5	5	1	4	6	8	6	3	4	
7	3	3	5	5	3	3	2	6	2	2	2	2	3	
8	0	0	0	0	2	6	2	3	6	4	3	0	2	
9	2	0	1	2	2	3	2	2	5	5	7	6	3	
10	4	2	5	5	5	0	10	6	7	5	9	10	6	
11	3	2	1	0	0	0	2	5	3	5	3	5	2	
12	7	7	6	2	4	5	3	6	7	3	5	0	5	
13	0	0	0	5	3	0	2	1	2	5	3	11	3	
14	7	3	7	4	3	3	7	3	2	2	3	3	4	
15	5	2	5	2	7	2	2	2	5	1	5	0	3	
16	0	5	2	0	6	1	3	5	2	8	3	9	4	
17	5	2	4	6	9	6	5	4	4	7	0	2	5	
18	2	0	0	5	2	0	4	2	0	5	3	3	2	
19	4	6	2	2	0	3	0	5	2	0	3	4	3	
20	2	3	2	2	3	5	2	2	0	1	3	0	2	
21	2	0	0	4	0	1	0	0	0	2	2	1	1	
22	2	0	0	3	2	2	1	5	3	0	2	6	2	
23	2	3	5	6	4	3	4	6	4	0	4	6	4	
24	1	4	3	4	6	0	2	2	2	2	8	1	3	
25	6	5	1	4	2	3	5	5	5	4	2	8	4	
26	8	2	2	4	4	2	2	2	5	4	5	0	3	
27	0	1	2	0	1	2	1	2	3	4	6	0	2	
28	4	2	3	5	5	2	2	4	4	2	3	2	3	
29	4	2	2	4	2	4	****	****	****	****	****	****	*****	
30							- DATA INVALID -							
31							- DATA INVALID -							
MEAN	3	3	2	3	3	3	3	3	3	3	4	4	3.0	

PERCENTAGE OF DATA VALID - 91.9

PERCENTAGE OF DATA INVALID - 14.5

PERCENTAGE OF DATA UNAVAILABLE - -8.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	2.4	4	9
FEB	29	3.5	9	15
MAR	31	2.9	9	13
APR	30	2.2	5	17
MAY	31	2.4	5	13
JUN	29	1.3	3	7
JUL	25	1.5	3	9
AUG	31	1.9	4	9
SEP	27	1.8	3	9
OCT	24	2.3	4	8
NOV	22	2.2	4	9
DEC	28	3.0	6	11
YEAR	330	2.3	9	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	240	42	0	0	0	0	0	282
FEB	244	93	11	0	0	0	0	348
MAR	283	84	4	0	0	0	0	371
APR	312	45	0	1	0	0	0	358
MAY	316	55	1	0	0	0	0	372
JUN	344	7	0	0	0	0	0	351
JUL	289	21	0	0	0	0	0	310
AUG	344	26	0	0	0	0	0	370
SEP	308	25	0	0	0	0	0	333
OCT	256	44	0	0	0	0	0	300
NOV	228	43	0	0	0	0	0	271
DEC	254	87	1	0	0	0	0	342
YEAR	3418	572	17	1	0	0	0	4008

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.3	0	0.0	0.4	1.5	2.4	4.7	6.0	7.4	8.4	17	2.3

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	MONTH - JAN 76												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
HOUR DAY													
1	5	1	2	0	0	2	0	2	2	2	0	0	1
2	0	0	2	5	0	1	2	0	0	0	1	2	1
3	1	1	0	2	0	0	0	2	0	3	0	2	1
4	0	2	2	0	0	0	2	0	0	0	2	1	1
5	0	0	0	0	2	2	0	0	0	0	0	2	1
6	0	0	0	0	0	0	0	0	0	2	0	1	0
7	0	0	1	2	2	0	0	2	0	0	0	0	1
8	0	2	0	0	2	1	0	1	0	2	1	0	1
9	3	2	0	0	1	2	0	2	0	3	1	0	1
10	0	0	1	0	0	2	0	0	0	0	2	0	0
11	0	1	0	1	2	1	0	2	0	0	0	2	1
12	0	0	0	0	2	2	0	2	2	1	0	0	1
13	0	2	0	2	0	0	1	0	0	3	0	0	1
14	4	2	0	2	2	0	1	1	0	1	2	0	1
15	0	2	0	2	0	0	0	0	0	2	0	0	1
16	0	3	0	1	2	0	0	0	2	2	0	2	1
17	0	0	0	4	0	0	0	2	0	1	0	1	1
18	0	2	0	3	0	2	0	0	1	0	0	3	1
19	0	0	2	2	0	1	0	1	2	0	1	2	1
20	0	2	2	0	1	0	0	0	0	1	2	0	1
21	0	2	0	3	0	2	2	1	0	4	0	2	1
22	2	0	1	0	2	0	0	3	1	0	1	0	1
23	0	2	0	2	0	0	4	1	0	0	2	0	1
24	0	2	0	0	0	0	0	0	2	0	0	0	0
25	0	2	0	1	2	0	2	0	1	0	0	2	1
26	0	0	2	0	0	2	0	1	0	2	0	2	1
27	0	1	2	0	0	1	0	1	0	0	0	0	0
28	0	1	2	2	0	0	2	1	0	0	0	3	1
29	0	0	0	0	2	2	0	0	3	2	2	0	1
30	0	2	0	3	0	0	0	1	0	0	0	2	1
31	2	0	1	0	2	2	3	2	0	0	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	MONTH - FEB 76												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
HOUR DAY													
1	3	2	0	0	2	0	0	0	3	2	0	0	1
2	2	0	0	0	2	0	0	1	1	0	0	0	1
3	0	0	3	2	0	0	2	0	2	2	0	0	1
4	0	0	2	0	0	2	0	0	0	0	1	2	1
5	0	0	0	0	1	0	1	2	0	2	0	0	1
6	0	0	0	2	2	0	2	0	4	0	0	0	1
7	2	2	0	0	0	2	0	0	1	2	0	2	1
8	2	0	0	0	0	2	0	2	0	0	2	0	1
9	2	1	0	1	1	2	0	1	0	2	3	0	1
10	2	0	2	0	2	0	2	0	2	0	0	2	1
11	2	0	0	2	0	0	0	0	2	3	0	0	1
12	0	3	0	0	2	2	2	3	0	0	2	0	1
13	0	2	1	0	0	0	1	0	2	0	0	0	1
14	1	0	0	1	0	0	2	0	0	0	0	0	0
15							- DATA INVALID -						
16	****	****	****	****	****	****	****	****	****	****	0	3	*****
17	1	2	0	0	0	0	1	1	2	2	0	2	1
18	3	0	2	0	2	0	2	0	2	2	0	1	1
19	0	1	2	0	0	1	0	0	0	2	2	6	1
20	0	0	2	0	0	0	0	0	2	0	2	1	1
21	0	2	0	1	0	0	0	0	2	0	2	0	1
22	0	0	1	0	0	0	1	3	1	0	2	1	1
23	0	0	2	1	0	2	0	0	0	6	0	3	1
24	0	3	2	2	0	0	0	3	2	0	2	0	1
25	1	1	2	1	0	3	1	0	0	0	0	0	1
26	0	0	0	0	0	0	2	0	0	1	0	0	0
27	2	0	2	0	2	0	3	3	2	2	1	3	2
28	0	0	2	0	0	2	0	2	2	1	1	2	1
29	3	0	3	0	2	0	3	0	0	2	0	2	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 93.4

PERCENTAGE OF DATA INVALID - 13.5

PERCENTAGE OF DATA UNAVAILABLE - -6.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - NO 52018 1055 PRINCESS ST KINGSTON													MONTH - MAR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	1	2	0	1	2	2	0	0	1	1
2	0	0	2	0	0	2	0	1	0	0	0	0	0
3	0	2	1	0	0	2	0	0	2	0	0	4	1
4	2	0	2	0	2	0	2	0	0	2	1	0	1
5	3	0	3	0	0	0	2	0	2	0	1	0	1
6	2	2	0	1	1	0	2	0	2	0	1	0	1
7	2	2	0	0	0	0	0	0	4	0	2	0	1
8	0	0	0	0	***	0	0	2	1	0	2	2	1
9	0	2	2	0	0	1	0	0	1	0	2	1	1
10	0	1	1	0	2	0	0	2	0	1	0	0	1
11	0	0	0	1	0	0	0	1	1	3	1	1	1
12	0	0	0	0	0	1	0	1	0	0	0	0	0
13	1	0	0	0	1	0	0	0	1	0	1	1	0
14	0	0	0	0	0	1	0	3	1	1	0	0	1
15	0	0	0	3	***	1	3	0	1	0	0	0	1
16	0	1	0	0	1	0	0	1	1	0	0	0	1
17	1	0	0	0	0	0	0	1	1	0	0	0	0
18	3	0	1	0	0	0	0	0	0	0	1	0	0
19	0	1	0	0	0	1	1	0	0	3	0	1	1
20	0	3	0	1	0	0	0	0	0	0	0	0	0
21	0	0	1	1	1	1	0	1	0	5	0	0	1
22	0	1	0	1	0	0	1	1	0	0	1	1	1
23	1	0	1	0	0	1	1	0	0	0	1	1	1
24	0	1	0	0	0	0	3	1	0	1	0	0	1
25	1	0	1	0	1	0	0	0	1	0	1	0	1
26	0	0	0	1	0	0	2	2	0	3	1	0	1
27	0	0	2	0	5	0	2	2	0	0	0	2	1
28	0	0	0	0	2	0	2	0	2	0	0	2	1
29	0	3	0	0	2	0	2	0	2	0	1	0	1
30	2	3	0	1	3	0	0	0	3	2	0	2	1
31	0	2	1	0	0	0	0	0	2	1	0	1	1
MEAN	1	1	1	0	1	0	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - NO 52018 1055 PRINCESS ST KINGSTON													MONTH - APR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	0	2	0	2	2	0	3	0	2	1
2	2	0	0	0	0	0	0	0	2	0	0	0	0
3	2	3	0	2	0	0	1	0	0	0	4	2	1
4	0	0	0	0	0	0	0	0	0	2	0	2	0
5	0	0	0	2	0	0	3	0	2	0	1	0	1
6	0	0	1	1	0	0	2	1	0	0	2	0	1
7	2	0	0	0	2	0	0	0	0	0	0	1	0
8	2	0	1	0	1	2	2	1	0	2	4	2	1
9	0	0	0	2	0	4	2	2	0	1	3	0	1
10	0	0	2	0	0	0	2	0	0	0	0	2	1
11	0	0	0	0	0	4	0	4	0	0	0	0	1
12	0	0	2	0	0	***	0	0	3	0	2	0	1
13	3	0	3	0	0	3	2	0	2	0	0	0	1
14	2	0	0	0	0	2	0	2	0	2	0	0	1
15	3	2	2	1	0	0	2	0	0	0	0	0	1
16	0	0	1	2	0	2	0	2	0	2	0	2	1
17	1	0	1	0	2	0	3	0	2	0	2	0	1
18	0	1	2	3	0	0	0	2	0	2	0	0	1
19	3	0	0	5	0	0	2	2	1	0	0	5	2
20	0	2	0	2	3	0	2	0	0	0	1	0	1
21	0	0	0	2	0	1	0	2	0	3	1	1	1
22							- DATA UNAVAILABLE -						
23	0	1	1	2	2	2	2	0	0	0	0	1	1
24	0	1	0	2	0	0	0	2	0	0	2	2	1
25	0	1	0	0	0	0	0	2	1	0	3	0	1
26	0	0	0	0	0	0	0	3	0	0	0	2	0
27	2	0	0	0	***	3	0	0	0	0	1	0	1
28	0	1	0	2	2	1	2	0	3	0	0	2	1
29	1	0	3	0	3	0	0	2	0	2	2	0	1
30	1	0	1	0	0	2	0	0	0	2	0	0	1
MEAN	1	0	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	3	0	2	2	0	0	2	2	0	2	0	1
2	3	0	1	0	1	2	1	2	0	2	0	3	1
3	0	0	0	2	0	0	1	2	2	0	1	0	1
4	1	0	0	0	2	****	****	2	4	2	2	0	1
5	2	0	2	2	2	2	3	3	3	3	2	0	2
6	3	2	0	1	0	2	2	0	2	0	0	3	1
7	0	1	0	2	0	6	0	3	2	2	0	3	2
8	0	0	0	1	0	0	2	3	2	0	0	2	1
9	0	2	2	0	0	0	2	1	2	2	1	3	1
10	0	3	2	2	3	2	2	0	2	2	5	****	2
11	- DATA UNAVAILABLE -												
12	-	-	-	-	****	0	2	0	0	3	0	0	*****
13	0	0	0	3	1	4	0	0	3	0	0	5	1
14	0	6	0	1	0	2	2	0	4	0	1	5	2
15	2	2	2	0	0	4	2	3	0	3	0	0	2
16	2	0	0	4	0	0	2	0	0	2	0	0	1
17	0	2	0	0	3	1	3	3	3	0	1	2	2
18	0	0	2	0	2	3	1	0	2	0	3	0	1
19	3	0	2	0	2	2	2	0	3	2	0	0	1
20	2	0	2	0	2	2	0	3	3	0	3	3	2
21	3	2	3	1	3	0	2	2	0	0	2	2	2
22	0	0	3	0	0	2	0	0	0	0	2	2	1
23	2	0	0	0	2	2	3	0	0	0	2	2	1
24	0	3	2	0	2	0	0	2	0	0	2	0	1
25	2	2	0	3	0	3	2	2	0	2	2	0	2
26	4	2	2	2	5	2	1	3	0	3	2	2	2
27	1	0	1	0	3	0	0	3	0	5	3	3	2
28	0	0	3	0	0	0	0	3	0	2	2	3	1
29	1	3	2	2	4	2	0	0	0	0	2	2	2
30	2	0	2	0	0	0	0	1	2	1	2	0	1
31	3	5	3	0	1	2	0	2	2	0	0	0	2
MEAN	1	1	1	1	1	2	1	2	1	1	1	2	1.3

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 4.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	0	2	0	1	0	2	0	3	0	0	2	1
2	0	5	1	3	0	2	0	0	0	2	0	2	1
3	0	3	1	0	0	0	3	0	0	2	0	2	1
4	0	2	0	1	2	3	2	0	0	2	0	0	1
5	3	0	1	0	3	0	2	0	2	3	0	2	1
6	2	2	2	0	2	2	0	0	3	1	3	2	2
7	2	0	3	0	3	2	2	1	3	2	0	0	2
8	0	2	0	5	0	4	2	0	5	0	3	0	2
9	3	2	2	0	0	2	0	3	2	0	2	2	2
10	2	2	0	3	2	2	0	4	3	0	0	3	2
11	0	2	2	3	3	0	3	3	0	2	2	0	2
12	0	0	3	0	0	2	0	0	0	2	0	0	1
13	2	0	0	0	2	0	2	2	0	3	2	3	1
14	2	0	0	2	0	2	0	3	0	2	0	2	1
15	3	0	0	0	3	2	0	3	3	0	3	3	2
16	0	7	0	****	0	1	3	2	0	3	0	1	2
17	0	1	1	1	2	3	0	1	0	2	1	1	1
18	0	0	0	2	2	1	3	0	0	2	0	1	1
19	3	0	0	0	0	1	1	0	3	0	1	3	1
20	1	0	2	1	1	0	2	0	2	0	1	0	1
21	1	1	2	0	1	0	2	0	1	1	1	0	1
22	0	0	1	0	2	1	2	0	2	2	0	1	1
23	2	3	1	0	1	2	1	2	2	1	2	0	1
24	1	6	2	1	2	3	2	0	0	2	5	0	2
25	1	0	0	2	0	1	0	1	0	3	0	****	1
26	- DATA INVALID -												
27	- DATA INVALID -												
28	****	****	****	****	0	2	0	1	2	1	0	0	1
29	2	1	2	1	0	0	1	1	1	0	0	0	1
30	0	0	3	0	2	2	2	0	1	2	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 91.7

PERCENTAGE OF DATA INVALID - 8.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION -		NO 52018					1055 PRINCESS ST KINGSTON						
		MONTH - JUL 76											
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	2	0	2	1	0	0	0	0	1
2	1	0	1	0	2	1	1	1	2	1	2	0	1
3	0	0	2	2	0	1	1	0	0	2	1	0	1
4	2	0	1	0	0	2	1	2	0	0	2	0	1
5	0	2	2	0	0	2	0	2	2	0	3	2	1
6	2	2	1	0	2	1	0	2	1	1	1	2	1
7	0	1	0	1	0	0	1	0	2	2	2	1	1
8	1	0	1	0	2	2	0	1	2	0	1	0	1
9	2	2	0	0	0	1	2	0	0	1	1	0	1
10	0	1	0	0	0	2	0	0	0	1	0	2	1
11	0	2	0	0	0	0	0	0	0	0	0	1	0
12	1	2	0	2	0	1	0	2	1	0	0	2	1
13	1	0	2	0	2	1	0	0	0	2	0	2	1
14	0	2	0	2	2	1	0	0	1	0	0	2	1
15	0	0	2	1	0	2	0	0	2	0	0	2	1
16	3	0	5	0	0	0	0	3	0	2	0	3	1
17	0	0	2	0	0	2	2	0	0	2	0	2	1
18	0	1	0	0	2	0	3	0	2	0	2	0	1
19	0	2	0	3	0	0	0	2	0	5	2	0	1
20	2	2	0	2	2	0	2	0	2	0	3	0	1
21	2	2	0	2	2	0	0	2	0	3	0	0	1
22	2	0	1	2	0	3	3	0	0	1	0	0	1
23	0	0	3	2	0	5	0	2	0	3	0	0	1
24	2	0	0	2	0	3	0	0	0	0	0	3	1
25	2	2	0	3	0	2	0	2	0	0	2	2	1
26	2	0	2	0	0	2	0	2	2	0	2	0	1
27	2	0	2	0	0	2	0	3	0	0	2	5	1
28	2	2	0	2	0	***	3	0	2	0	3	2	1
29	2	2	0	2	3	0	0	0	2	0	0	0	1
30	3	0	2	2	2	0	0	2	2	0	0	2	1
31	0	0	2	0	2	3	2	0	4	3	0	3	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION -		NO 52018					1055 PRINCESS ST KINGSTON						
		MONTH - AUG 76											
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	0	0	0	0	0	3	0	0	1
2	0	2	0	0	0	2	0	0	0	2	0	2	1
3	0	0	0	0	0	2	0	0	0	2	0	2	1
4	0	0	0	2	0	0	3	0	2	0	2	2	1
5	0	0	0	0	0	0	2	0	0	0	0	0	0
6	2	0	0	0	2	3	2	2	0	0	1	1	1
7	0	1	2	0	0	2	2	0	2	0	3	0	1
8	0	0	0	3	0	0	0	2	3	0	0	0	1
9	2	0	2	2	0	0	5	0	0	5	2	3	2
10	0	0	2	3	0	0	2	3	3	0	3	0	1
11	2	0	3	0	0	2	0	0	2	3	2	0	1
12	0	3	1	2	0	2	3	2	0	2	2	0	1
13	0	2	2	0	2	2	0	0	2	2	0	3	1
14	2	2	0	0	2	0	2	0	2	2	2	2	1
15	2	2	0	1	0	0	0	0	3	0	2	1	1
16	2	1	0	3	2	2	0	0	2	0	0	0	1
17	0	2	0	0	2	2	0	2	2	0	2	0	1
18	3	0	0	2	0	2	2	0	0	2	0	2	1
19	2	0	3	3	0	3	0	2	0	2	2	2	1
20	2	2	2	0	0	2	3	2	2	0	0	0	1
21	3	3	0	5	0	0	2	2	2	3	0	0	2
22	1	0	3	2	2	0	5	0	0	2	0	2	1
23	0	3	0	3	0	0	0	0	2	2	2	0	1
24	0	0	0	2	0	0	0	0	0	2	0	0	0
25	0	2	0	0	3	3	0	0	0	1	0	3	1
26	0	2	0	3	0	0	2	2	0	3	0	2	1
27	2	2	3	0	0	3	0	2	0	2	3	0	1
28	2	0	3	4	0	0	3	0	0	0	2	0	1
29	0	2	0	2	2	0	0	0	0	0	0	2	1
30	0	0	0	0	2	0	0	3	0	2	0	0	1
31	0	3	0	1	0	0	2	0	2	0	2	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	0	0	0	3	1	6	0	0	6	0	1
2	1	0	0	0	0	0	0	2	0	0	1	0	0
3	1	0	0	0	0	0	0	2	0	0	2	0	1
4	2	0	4	0	2	2	0	0	0	0	2	0	1
5	1	0	0	1	0	2	0	2	2	0	3	2	1
6	2	0	0	0	2	4	0	0	3	0	1	0	1
7	0	0	0	0	2	0	0	0	0	2	3	3	1
8	0	0	3	1	0	****	0	0	0	7	0	4	1
9	0	3	0	0	1	0	0	0	1	0	0	0	0
10	2	0	3	1	0	0	0	0	0	0	0	2	1
11	2	0	0	0	0	1	1	0	0	2	0	0	1
12	0	2	1	3	0	0	0	1	2	0	0	3	1
13	2	2	2	0	1	0	0	2	2	1	2	0	1
14	0	0	2	2	1	0	0	0	0	2	1	0	1
15	1	0	1	0	0	****	2	0	2	1	2	0	1
16	1	1	2	0	0	1	0	0	0	0	0	0	0
17	1	2	3	2	0	1	0	2	0	0	1	0	1
18	0	0	0	1	0	2	0	2	0	1	0	2	1
19	1	0	0	0	4	1	1	0	0	0	2	0	1
20	2	0	0	0	0	0	1	0	0	1	2	2	1
21	0	3	0	0	0	0	0	0	0	0	0	0	0
22	0	2	0	0	2	****	4	1	2	2	0	0	1
23	0	0	0	1	2	0	0	0	2	0	0	0	0
24	0	0	0	2	2	0	0	0	3	2	0	0	1
25	2	0	0	0	2	0	0	0	0	2	0	2	1
26	0	2	2	1	1	1	0	1	0	0	0	0	1
27	0	0	2	1	3	0	0	0	1	2	0	2	1
28	1	1	0	3	0	2	1	2	0	0	0	0	1
29	0	2	0	2	1	0	1	2	***	0	2	0	1
30	2	0	0	2	0	1	0	0	0	0	0	3	1
MEAN	1	1	1	1	1	1	0	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION -												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	2	0	3	2	0	0	0	3	0	0	1
2	2	0	2	0	0	0	2	0	2	0	0	0	1
3	0	0	0	0	0	0	0	1	0	0	0	0	0
4	0	0	1	0	2	3	0	0	1	0	2	0	1
5	0	0	2	5	0	0	0	2	0	2	0	1	1
6	1	0	0	0	0	2	0	0	2	0	0	0	0
7	0	0	0	2	0	0	0	2	2	0	0	0	1
8	0	0	3	0	2	0	0	0	0	3	0	0	1
9	0	0	0	0	0	0	0	0	0	0	2	0	0
10	2	0	2	0	2	0	0	0	2	0	2	0	1
11	0	0	2	2	0	0	0	3	0	2	2	0	1
12	0	0	0	1	0	0	0	0	3	0	2	0	1
13	0	0	2	0	0	2	2	0	3	0	0	0	1
14	0	0	0	2	0	2	0	0	0	0	0	2	1
15	0	0	0	0	2	0	0	0	0	0	2	0	0
16	2	0	2	0	0	0	2	0	0	0	2	2	1
17	0	0	0	0	1	2	0	0	2	0	0	0	0
18	0	0	0	0	0	0	3	0	1	0	3	0	1
19	0	0	3	0	0	2	0	0	0	0	0	0	0
20	0	0	0	2	0	0	0	0	0	2	0	2	1
21	0	0	0	0	2	0	0	3	0	2	3	0	1
22	0	0	3	2	0	0	2	0	0	5	0	2	1
23	0	5	0	3	0	3	0	0	0	0	2	0	1
24	0	2	3	3	2	0	2	0	0	0	3	2	1
25	0	0	0	0	0	0	0	2	2	0	0	2	1
26	2	0	0	0	0	0	0	2	0	2	0	0	1
27	0	0	0	2	0	0	-	-	-	-	-	-	*****
28							-	-	-	-	-	-	
29							-	-	-	-	-	-	
30							-	-	-	-	-	-	
31							-	-	-	-	-	-	
MEAN	0	0	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 85.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 14.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION -		NO 52018 1055 PRINCESS ST KINGSTON											MONTH - NOV 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4	0	1	2	0	0	2	2	0	0	0	4	2	*****	
5	1	0	2	0	3	0	4	0	0	1	0	1	1	
6	1	1	2	1	0	2	0	1	1	0	2	0	1	
7	2	0	0	0	0	2	2	0	0	2	0	0	1	
8	0	2	0	0	0	2	0	1	0	0	0	1	1	
9	2	0	0	2	0	0	0	3	0	2	2	1	1	
10	0	2	0	0	0	6	1	2	0	0	2	0	1	
11	2	1	0	2	0	0	0	0	0	4	0	1	1	
12	2	2	0	0	2	0	1	0	0	2	0	0	1	
13	0	0	0	1	1	1	1	2	0	0	0	2	1	
14	0	0	1	1	1	2	0	2	3	0	1	2	1	
15	1	1	0	2	0	1	0	2	0	1	1	0	1	
16	0	0	1	1	2	0	0	0	2	0	0	0	1	
17	2	0	1	0	0	0	0	0	2	0	0	0	0	
18	0	1	0	0	0	0	0	2	0	0	1	1	0	
19	0	0	1	0	3	2	0	2	0	0	0	0	1	
20	0	0	0	2	0	0	0	0	0	2	0	0	0	
21	0	1	0	0	0	1	0	0	0	4	1	0	1	
22	0	0	1	2	0	0	2	0	2	0	0	2	1	
23	2	0	1	2	0	2	0	0	0	0	0	1	1	
24	0	2	2	2	0	0	0	2	1	0	1	0	1	
25	2	2	0	0	0	2	0	2	0	2	1	0	1	
26	0	0	0	0	0	2	2	3	1	2	0	0	1	
27	0	2	0	1	0	1	0	0	0	2	2	0	1	
28	0	2	3	0	2	1	1	1	2	0	0	0	1	
29	2	0	0	0	1	2	0	0	0	2	2	1	1	
30	0	0	0	0	2	4	0	2	0	0	2	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 91.4      PERCENTAGE OF DATA INVALID - 0.3      PERCENTAGE OF DATA UNAVAILABLE - 8.3

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION -		NO 52018 1055 PRINCESS ST KINGSTON											MONTH - DEC 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	3	0	0	0	1	1	0	0	0	
2	2	0	2	2	1	0	0	0	1	0	1	1	1	
3	0	2	2	0	1	0	0	0	0	2	2	0	1	
4	2	0	0	0	0	0	0	0	1	0	3	0	1	
5	1	0	2	0	2	0	1	0	2	0	0	0	1	
6	0	2	3	0	0	0	0	1	2	0	0	0	1	
7	1	0	3	0	2	0	0	0	0	0	2	0	1	
8	3	1	0	0	0	2	0	0	0	0	0	2	1	
9	0	0	2	0	0	0	2	2	0	1	1	1	1	
10	2	0	0	0	0	1	2	0	2	2	0	0	1	
11	1	1	0	0	0	2	0	2	2	0	1	1	1	
12	0	2	0	0	0	1	0	0	0	2	1	0	1	
13	0	0	3	0	0	0	1	2	2	0	0	2	1	
14	0	2	0	2	2	2	1	1	0	0	1	0	1	
15	0	0	1	0	0	3	0	2	2	1	0	2	1	
16	1	1	2	1	0	0	0	2	0	0	1	2	1	
17	0	1	2	0	0	2	0	0	2	2	1	0	1	
18	1	0	0	0	0	0	0	0	0	1	0	0	1	
19	1	0	2	0	0	2	1	0	0	4	2	2	0	
20	1	2	2	0	0	1	0	****	****	****	****	****	*****	
21														
22														
23														
24														
25														
26														
27														
28														
29														
30	****	****	****	****	****	0	1	1	0	1	2	2	*****	
31	2	0	1	1	0	2	1	0	1	2	2	2	1	
MEAN	1	1	1	0	1	1	0	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 68.3      PERCENTAGE OF DATA INVALID - 31.7      PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NO 52018 1055 PRINCESS ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.8	1	5
FEB	27	0.9	2	6
MAR	31	0.7	1	5
APR	29	0.8	2	5
MAY	29	1.3	2	6
JUN	28	1.2	2	7
JUL	31	1.0	2	5
AUG	31	1.0	2	5
SEP	30	0.8	1	7
OCT	26	0.7	1	5
NOV	27	0.8	1	6
DEC	20	0.8	1	4
YEAR	340	0.9	2	7

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NO 52018 1055 PRINCESS ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	370	2	0	0	0	0	0	372
FEB	323	2	0	0	0	0	0	325
MAR	368	2	0	0	0	0	0	370
APR	344	2	0	0	0	0	0	346
MAY	344	8	0	0	0	0	0	352
JUN	324	6	0	0	0	0	0	330
JUL	367	4	0	0	0	0	0	371
AUG	368	4	0	0	0	0	0	372
SEP	353	3	0	0	0	0	0	356
OCT	315	3	0	0	0	0	0	318
NOV	328	1	0	0	0	0	0	329
DEC	254	0	0	0	0	0	0	254
YEAR	4058	37	0	0	0	0	0	4095

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.2	0	0.0	0.0	0.0	1.1	1.9	2.5	3.0	3.9	7	0.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020      CHURCHILL PK NAPIER ST KINGSTON												MONTH - FEB 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3	-	-	-	-	0	0	2	0	2	0	3	2	1
4	1	0	1	2	0	3	2	1	0	3	0	2	1
5	0	0	1	2	3	0	2	1	2	2	0	1	1
6	2	3	0	1	0	2	1	***	0	2	1	1	1
7	2	1	0	0	3	0	1	1	3	0	0	1	1
8	0	2	2	0	0	0	0	4	0	0	0	0	1
9	2	0	0	1	2	1	2	2	1	2	1	0	1
10	0	0	0	2	0	1	0	3	2	2	0	3	1
11	2	3	1	0	0	0	2	2	1	1	0	0	1
12	0	1	2	0	2	1	2	1	1	1	1	2	1
13	0	0	1	0	2	0	0	***	2	3	0	2	1
14	1	2	2	0	0	0	0	0	0	1	0	0	1
15	2	0	1	1	1	3	0	1	2	0	0	0	1
16	2	0	0	0	0	2	5	2	2	3	0	0	1
17	0	0	0	2	3	1	2	0	0	2	1	3	1
18	1	2	0	0	0	2	0	0	3	0	0	0	1
19	2	0	0	0	0	2	1	0	2	0	0	0	1
20	0	0	0	0	1	0	3	2	0	2	0	0	1
21	0	0	0	1	5	2	1	2	0	1	5	2	2
22	1	2	0	0	3	2	1	1	1	1	2	5	2
23	0	1	2	1	2	4	1	1	0	3	0	2	1
24	1	1	2	1	0	2	1	0	0	0	2	2	1
25	0	2	5	2	2	1	3	3	0	0	5	0	1
26	2	2	2	4	5	2	3	1	***	1	0	3	2
27	0	2	1	1	0	1	2	0	0	1	1	2	1
28	0	1	0	0	0	0	0	1	0	2	0	0	0
29	3	0	0	1	0	2	0	2	0	4	1	3	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 8.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020      CHURCHILL PK NAPIER ST KINGSTON												MONTH - MAR 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	1	2	0	2	2	0	1	0	1	1
2	3	0	1	1	3	0	0	0	3	2	2	1	1
3	0	0	1	0	1	1	2	0	2	2	1	1	1
4	0	2	2	0	0	1	1	0	2	0	1	3	1
5	2	1	1	2	5	1	0	1	2	0	2	1	2
6	1	2	0	2	2	1	2	0	1	0	0	2	1
7	1	0	0	1	3	1	0	0	0	1	0	1	1
8	1	0	2	0	1	1	2	0	0	1	0	0	1
9	2	1	2	0	2	0	0	2	0	2	1	2	1
10	2	0	1	1	2	0	1	0	0	0	0	1	1
11	0	2	2	1	1	2	1	0	1	2	1	2	1
12	4	3	3	2	1	0	2	2	1	2	0	1	2
13	2	2	0	2	0	1	1	0	0	2	2	2	1
14	0	1	2	1	0	2	1	0	1	1	0	2	1
15	0	0	1	1	1	0	0	2	1	1	0	0	1
16	3	0	1	0	3	2	2	0	0	0	5	1	1
17	2	2	2	1	3	2	1	0	1	2	0	1	1
18	2	2	0	3	3	0	0	0	2	2	0	0	1
19	2	1	2	2	0	0	2	4	0	1	0	2	1
20	0	0	0	3	0	1	3	1	1	1	0	1	1
21	0	0	2	0	0	0	1	0	3	2	2	5	1
22	0	1	0	2	0	2	1	1	1	1	2	1	1
23	2	0	0	1	0	0	2	0	2	1	1	3	1
24	2	0	2	0	2	1	1	1	0	1	3	3	1
25	2	2	2	1	1	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	1	0	0	1	0	0	***
27	2	1	2	0	0	1	0	0	0	1	0	0	1
28	0	0	1	0	2	2	2	0	0	0	2	2	1
29	1	1	1	1	2	1	1	2	2	0	0	0	1
30	2	2	2	2	0	0	1	0	1	2	0	1	1
31	0	3	1	2	0	2	2	2	0	0	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 3.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - SE NO 52020      CHURCHILL PK NAPIER ST KINGSTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	0	2	0	2	0	1	0	0	1	2	2	1
2	1	0	0	2	1	0	0	2	1	2	2	1	1
3	0	2	0	0	2	2	2	0	1	2	2	0	1
4	2	0	3	0	2	0	1	1	2	3	0	1	1
5	1	2	0	1	0	0	0	1	1	0	2	2	1
6	0	0	2	1	0	3	1	1	1	0	0	1	1
7	0	2	2	0	3	0	1	1	0	1	1	1	1
8	1	1	1	1	0	1	1	0	0	2	0	1	1
9	0	2	1	0	0	0	2	0	0	1	3	1	1
10	2	2	2	0	0	1	2	2	2	0	2	2	1
11	1	0	1	0	0	0	0	0	0	2	0	2	1
12	0	1	1	0	1	3	4	0	2	0	1	1	1
13	3	2	1	1	2	0	0	0	1	****	-	-	1
14	-	-	-	-	-	-	0	5	3	1	2	2	*****
15	2	2	2	4	1	1	2	1	1	1	0	1	2
16	1	1	0	0	1	1	2	2	0	2	0	0	1
17	0	2	2	1	0	0	****	0	2	2	2	0	1
18	1	2	1	0	0	3	0	2	1	3	2	0	1
19	0	6	0	0	1	2	2	1	0	2	2	0	1
20	0	2	2	1	0	5	0	0	0	0	0	3	1
21	0	2	2	0	0	3	1	0	0	2	2	3	1
22	0	3	0	0	0	4	2	0	1	2	2	0	1
23	0	3	2	1	0	0	2	0	1	0	1	0	1
24	2	2	1	2	0	0	3	1	0	2	2	3	2
25	0	2	1	0	0	2	1	0	0	0	2	0	1
26	0	0	0	0	0	0	3	3	1	2	2	3	1
27	1	0	2	0	0	2	0	3	0	1	0	4	1
28	1	0	1	0	0	2	2	0	0	0	0	2	1
29	0	2	0	1	0	0	1	2	0	0	0	1	1
30	1	0	3	2	0	0	2	2	0	3	1	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - SE NO 52020      CHURCHILL PK NAPIER ST KINGSTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	0	1	2	1	1	3	0	3	1	2	1	1
2	0	2	0	8	3	2	2	1	3	0	0	4	2
3	0	0	2	0	1	0	0	0	1	0	0	0	0
4	2	0	2	0	2	0	1	2	1	2	1	0	1
5	0	0	1	2	0	1	2	1	0	1	1	1	1
6	0	2	0	0	2	2	1	0	0	4	2	3	1
7	0	****	****	****	1	0	0	0	0	0	2	0	0
8	2	2	1	3	0	1	1	0	1	2	0	1	1
9	0	2	4	1	1	0	3	0	0	1	1	0	1
10	1	1	1	2	3	0	1	2	0	2	1	2	1
11	0	2	1	2	1	0	1	0	1	1	2	0	1
12	0	1	0	1	2	1	2	0	2	0	2	2	1
13	2	2	1	0	0	2	2	0	1	1	2	0	1
14	0	0	2	0	0	2	1	0	1	2	1	1	1
15	0	0	2	1	0	1	2	1	1	1	5	2	1
16	0	2	2	0	0	0	1	2	2	0	2	0	1
17	3	1	0	2	2	0	1	0	3	1	1	0	1
18	3	0	0	2	2	3	0	2	2	0	3	0	1
19	1	0	0	0	0	2	0	2	0	1	1	1	1
20	3	0	0	2	1	1	0	0	1	0	2	7	1
21	0	2	3	2	1	1	0	1	2	3	0	0	1
22	2	1	0	0	2	1	0	1	1	0	2	1	1
23	0	0	0	1	1	0	0	0	0	1	2	0	0
24	0	0	2	0	1	2	0	1	0	0	0	0	1
25	1	1	2	1	0	1	2	0	0	2	1	1	1
26	2	0	0	1	0	1	0	0	1	1	0	0	1
27	0	2	0	0	0	2	1	2	0	2	0	0	1
28	0	2	0	2	2	0	0	0	0	0	0	0	1
29	2	3	2	0	3	0	1	3	0	2	0	2	2
30	2	3	1	2	2	2	2	2	1	0	0	0	1
31	3	0	0	0	0	0	3	3	0	2	0	3	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020				CHURCHILL PK NAPIER ST KINGSTON				MONTH - JUN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	2	0	0	0	3	1	0	3	0	3	2
2	0	3	0	2	2	2	0	2	2	0	2	2	1
3	0	0	3	3	0	0	0	2	5	0	2	0	1
4	2	0	2	***	2	2	0	3	0	3	0	5	2
5	0	3	0	0	0	0	0	2	0	0	3	0	1
6	0	0	0	2	2	0	0	0	2	0	0	0	1
7	2	0	1	0	0	3	0	0	2	0	3	0	1
8	2	2	0	2	2	0	1	0	2	1	0	2	1
9	2	0	2	0	3	2	0	0	0	2	2	0	1
10	3	2	0	2	0	2	0	0	2	0	0	2	1
11	2	0	0	0	0	2	2	0	2	2	0	0	1
12	0	0	2	0	2	0	1	0	3	0	5	0	1
13	0	3	2	3	0	0	3	3	0	0	4	0	2
14	2	2	0	2	0	0	2	3	0	3	0	0	1
15	2	0	2	0	2	3	0	2	0	0	2	0	1
16	2	0	0	2	2	0	2	5	2	0	0	3	2
17	0	5	0	3	0	0	2	0	5	0	0	3	1
18	0	0	1	2	0	***	5	1	0	6	2	0	2
19	0	0	3	0	1	0	2	0	0	0	0	2	1
20	0	2	0	0	0	2	0	0	0	0	0	2	1
21	0	3	0	0	2	0	2	0	2	3	0	0	1
22	2	0	2	0	0	2	2	0	2	2	0	0	1
23	0	2	0	3	0	0	3	0	2	2	0	0	1
24	0	5	0	2	2	0	2	0	0	0	2	2	1
25	2	2	7	0	0	2	2	0	0	2	0	3	1
26	0	3	3	0	2	0	0	1	0	3	0	3	2
27	1	0	0	2	0	2	0	1	3	2	0	3	1
28	2	0	0	0	***	0	0	2	2	0	3	0	1
29	0	0	0	2	3	0	0	0	0	0	0	2	1
30	2	2	2	0	2	3	0	2	0	2	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020				CHURCHILL PK NAPIER ST KINGSTON				MONTH - JUL 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	4	2	0	0	0	2	0	0	0	0	1
2	5	0	0	0	2	2	0	3	0	2	0	0	1
3	3	0	0	2	0	0	2	0	2	0	2	0	1
4	2	0	0	2	0	0	3	2	0	0	2	0	1
5	0	2	0	0	0	0	2	0	0	4	0	2	1
6	0	0	0	2	3	0	2	2	0	2	2	2	1
7	0	2	0	3	1	2	2	2	0	0	2	0	1
8	2	0	0	2	3	0	0	2	0	2	0	1	1
9	0	0	0	0	2	0	1	0	0	0	3	0	1
10	2	0	0	0	3	1	0	0	2	1	1	0	1
11	0	1	0	0	0	3	2	0	0	2	0	2	1
12	0	2	1	3	0	2	0	1	1	0	0	2	1
13	2	2	0	5	0	2	0	0	1	3	0	2	1
14	2	0	3	0	0	2	1	0	2	0	2	0	1
15	0	0	1	2	0	0	2	0	3	0	2	2	1
16	0	1	0	0	2	0	1	0	0	0	0	2	1
17	0	3	0	0	2	0	2	0	1	0	0	2	1
18	2	0	3	0	2	0	4	0	3	1	3	0	2
19	0	0	2	0	0	2	2	0	2	0	1	0	1
20	2	0	0	2	0	2	0	0	1	1	0	1	1
21	2	0	1	0	0	1	2	0	0	2	2	1	1
22	0	0	2	2	1	0	0	1	0	3	0	2	1
23	0	0	1	0	2	2	0	1	1	0	6	0	1
24	0	1	0	2	0	0	3	0	0	0	1	2	1
25	2	2	0	0	0	3	0	3	0	0	0	2	1
26	0	1	2	0	3	0	2	3	0	4	0	2	1
27	0	2	4	0	0	2	0	4	2	0	0	2	1
28	0	0	2	0	2	0	0	1	0	0	0	0	0
29	2	0	0	1	0	2	1	0	2	2	1	0	1
30	0	2	0	2	1	2	2	1	1	1	0	1	1
31	2	3	0	0	2	0	0	2	0	2	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	CHURCHILL PK NAPIER ST KINGSTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	2	0	0	0	0	1	0	0	0	0
2	1	2	0	0	0	2	0	0	1	0	2	0	1
3	2	0	1	1	0	0	3	1	0	1	0	1	1
4	0	1	0	0	2	2	1	0	4	0	0	2	1
5	0	2	0	1	2	0	3	2	0	0	2	0	1
6	2	0	2	0	0	3	2	1	0	0	1	2	1
7	0	0	0	4	0	0	2	1	3	0	0	0	1
8	0	0	1	0	0	0	0	0	2	0	0	0	0
9	0	1	1	0	0	0	0	0	0	2	1	1	1
10	0	1	0	1	2	1	0	0	2	0	0	0	1
11	1	0	0	2	1	2	2	1	0	3	1	0	1
12	1	0	1	1	0	1	1	2	1	2	2	0	1
13	0	2	2	0	0	0	0	2	0	1	1	0	1
14	1	0	0	2	1	2	2	0	0	1	1	0	1
15	0	0	0	0	0	0	1	0	2	1	0	0	0
16	1	1	0	0	2	0	0	0	0	0	0	1	0
17	1	0	0	0	0	1	0	2	1	0	0	0	0
18	1	1	2	2	1	1	0	0	0	3	3	0	1
19	1	0	0	0	0	0	1	0	3	1	0	0	1
20	1	1	0	0	0	0	0	0	0	1	3	0	1
21	1	1	0	0	2	0	0	1	0	2	1	1	1
22	1	0	0	2	2	0	0	1	0	0	0	2	1
23	3	1	0	****	0	0	3	2	0	2	0	1	1
24	2	1	2	3	0	0	2	2	0	4	0	0	1
25	0	0	2	0	2	0	0	2	0	0	2	1	1
26	2	2	2	0	3	2	3	0	2	0	0	2	2
27	2	2	0	2	0	0	6	0	5	0	3	2	2
28	0	1	2	0	2	0	0	0	2	0	2	0	1
29	0	0	2	2	0	0	2	2	2	1	0	0	1
30	1	2	0	0	2	0	2	3	0	0	1	0	1
31	0	2	2	2	0	2	0	4	0	3	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION -	CHURCHILL PK NAPIER ST KINGSTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	3	0	2	0	3	5	0	0	1
2	2	2	1	0	0	2	2	3	0	0	3	3	2
3	2	2	2	2	0	0	0	0	0	2	0	0	1
4	0	2	0	1	0	2	2	2	0	1	0	0	1
5	0	1	0	3	2	2	0	0	2	0	0	2	1
6	0	2	0	0	0	2	0	0	0	3	0	0	1
7	0	0	0	0	2	0	2	3	2	0	2	4	1
8	2	2	2	2	0	0	0	0	0	0	1	0	1
9	2	0	3	0	0	2	0	3	0	0	2	2	1
10	2	0	3	0	2	2	2	0	3	0	2	0	1
11	0	3	2	2	0	2	0	2	0	2	2	2	1
12	0	0	3	2	1	0	0	0	2	0	0	1	1
13	3	2	4	0	0	0	3	0	0	2	0	3	1
14	0	3	2	0	0	0	0	2	0	0	0	3	1
15	3	1	2	0	2	3	2	2	1	0	1	2	2
16	0	2	2	2	2	2	0	2	0	2	0	0	1
17	2	2	3	2	1	2	2	0	2	0	2	0	2
18	0	0	5	3	0	0	2	2	1	0	2	0	1
19	3	0	2	2	3	0	0	3	0	3	0	3	2
20	0	3	0	2	0	0	0	0	0	0	2	2	1
21	2	0	2	0	3	2	0	2	0	0	3	0	1
22	0	2	2	2	0	2	2	0	2	3	1	2	2
23	0	2	0	0	2	1	2	2	0	0	0	5	1
24	0	0	0	2	0	3	0	0	0	4	0	0	1
25	3	5	0	0	0	2	0	0	0	2	1	0	1
26	0	0	0	0	2	2	0	0	1	1	2	0	1
27	0	0	2	2	0	2	0	0	0	0	0	3	1
28	0	2	0	0	2	0	2	0	0	0	2	0	1
29	3	0	2	0	0	2	0	0	0	0	0	3	1
30	2	3	2	0	4	0	0	0	0	0	1	2	1
MEAN	1	1	2	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	0	2	1	0	4	2	0	0	1	1	1
2	2	2	1	1	0	2	1	0	2	2	1	3	1
3	2	2	0	0	0	1	0	3	0	3	2	0	1
4	0	2	0	2	0	0	0	0	0	0	0	2	1
5	1	0	0	0	2	2	2	0	0	0	0	2	1
6	0	0	2	1	0	1	1	0	0	1	3	3	1
7	0	0	2	1	0	0	0	0	0	0	1	3	1
8	0	0	0	1	****	-	-	1	0	0	2	1	1
9	0	0	2	0	2	2	0	2	3	0	0	0	1
10	2	2	0	1	0	0	0	1	1	1	0	5	1
11	0	0	5	0	0	1	0	3	0	1	0	4	1
12	1	2	1	2	1	0	0	2	0	2	1	0	1
13	0	2	0	2	0	5	0	0	0	2	2	0	1
14	2	2	2	0	3	0	0	0	0	0	0	0	1
15	0	0	2	0	0	2	0	1	1	2	2	4	1
16	0	0	2	0	2	1	1	2	0	2	0	2	1
17	0	2	2	0	2	0	2	0	2	1	2	1	1
18	1	2	0	1	0	2	0	0	0	0	1	1	1
19	0	0	0	3	2	0	0	2	3	0	0	2	1
20	0	1	0	1	0	0	2	2	2	0	0	1	1
21	0	2	2	1	0	0	2	1	0	2	2	3	1
22	2	2	0	0	2	0	0	2	0	2	0	0	1
23	1	0	0	0	0	2	2	0	2	0	0	1	1
24	0	2	0	0	2	0	3	0	3	1	2	0	1
25	1	0	2	0	0	0	2	0	2	3	2	0	1
26	2	0	2	0	0	0	4	2	2	2	1	0	1
27	0	0	0	2	0	0	0	0	0	0	1	0	0
28	2	2	2	0	0	2	0	0	0	2	0	2	1
29	2	3	0	3	0	2	0	0	2	0	0	1	1
30	1	0	0	2	0	2	0	5	2	3	0	3	2
31	0	0	2	0	2	0	2	0	0	2	0	3	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	1.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	1	2	0	0	3	2	3	0	2	0	1	1
2	0	0	0	2	2	2	0	0	0	0	3	0	1
3	0	0	3	0	0	2	0	2	0	0	3	3	1
4	0	0	0	2	0	0	0	0	2	0	0	0	0
5	0	0	1	0	0	2	0	1	0	3	0	2	1
6	0	0	2	0	0	2	6	0	7	0	0	2	2
7	0	0	2	0	2	2	0	0	5	0	0	0	1
8	0	0	0	1	1	0	0	2	0	2	0	2	1
9	2	0	0	0	0	3	2	0	0	0	2	0	1
10	2	2	0	0	2	0	1	3	0	2	0	2	1
11	0	0	0	0	2	0	3	0	0	0	5	1	1
12	4	0	5	0	2	2	2	0	0	0	0	0	1
13	1	2	2	0	2	0	2	0	0	3	0	3	1
14	0	0	2	1	0	0	3	0	3	0	0	2	1
15	5	0	2	2	0	0	0	0	0	2	0	0	1
16	0	2	0	3	0	0	****	-	-	-	-	-	*****
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
MEAN	1	0	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 51.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 48.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52020

CHURCHILL PK NAPIER ST KINGSTON

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	2	1	1	2	1	0	2	1	1	0	0	0	*****
11	3	1	0	0	0	2	1	1	0	0	0	2	1
12	0	3	0	0	0	0	0	0	1	0	1	1	1
13	0	0	0	0	0	1	2	0	1	2	0	0	1
14	0	3	0	0	0	1	2	2	1	0	0	3	1
15	2	0	0	0	1	0	1	1	0	0	1	1	1
16	1	1	0	1	0	1	0	0	2	1	0	2	1
17	2	0	1	2	0	2	0	0	0	0	0	0	1
18	2	1	0	0	0	1	2	0	0	4	0	1	1
19	2	1	2	0	0	2	0	0	2	0	4	1	1
20	2	2	0	0	2	0	3	1	0	0	2	2	1
21	0	0	0	0	2	0	0	2	2	0	1	0	1
22	2	0	0	0	0	1	0	2	0	2	0	0	1
23	0	0	0	0	0	0	2	0	0	3	0	0	0
24	1	0	2	1	1	1	1	0	0	1	0	2	1
25	2	0	2	0	0	0	0	1	3	2	0	2	1
26	0	2	1	0	0	0	0	0	0	2	0	2	1
27	2	0	1	1	0	2	0	0	0	2	0	0	1
28	0	0	1	1	0	2	1	2	0	0	0	0	1
29	0	1	2	0	0	2	0	0	0	2	3	0	1
30	0	0	2	3	0	2	0	2	1	0	0	0	1
31	2	0	1	0	2	0	0	0	5	4	1	0	1
MEAN	1	1	1	1	0	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 72.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 27.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	27	1.1	2	5
MAR	29	1.1	2	5
APR	29	1.1	2	6
MAY	31	1.0	2	8
JUN	30	1.1	2	7
JUL	31	1.0	2	6
AUG	31	0.8	2	6
SEP	30	1.1	2	5
OCT	31	1.0	2	5
NOV	15	1.0	2	7
DEC	22	0.8	1	5
YEAR	306	1.0	2	8

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	310	7	0	0	0	0	0	317
MAR	356	3	0	0	0	0	0	359
APR	347	3	0	0	0	0	0	350
MAY	366	3	0	0	0	0	0	369
JUN	347	10	0	0	0	0	0	357
JUL	369	3	0	0	0	0	0	372
AUG	369	2	0	0	0	0	0	371
SEP	356	4	0	0	0	0	0	360
OCT	365	4	0	0	0	0	0	369
NOV	180	6	0	0	0	0	0	186
DEC	269	1	0	0	0	0	0	270
YEAR	3634	46	0	0	0	0	0	3680

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
91.5	0	0.0	0.0	0.1	1.2	2.0	2.6	3.3	4.2	8	1.0	

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051				MEMORIAL PARK YORK/THIRD ST., CORNWALL				MONTH - JAN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	2	0	0	2	2	0	2	3	0	
2	2	2	2	3	5	2	0	3	1	2	2	0	
3	3	4	2	5	4	5	7	2	2	3	0	3	
4	2	0	0	2	0	2	2	0	3	0	0	0	
5	2	0	2	2	2	0	0	3	0	3	0	5	
6	5	2	1	3	2	0	2	2	2	3	2	2	
7	3	0	0	2	4	2	0	4	0	2	0	2	
8	0	2	2	3	0	2	2	3	2	0	3	2	
9	4	6	1	2	0	0	0	2	0	2	3	0	
10	0	0	0	0	3	2	0	0	3	3	17	22	
11	12	4	3	2	5	3	3	5	5	1	2	2	
12	2	0	0	3	3	0	2	2	2	3	7	3	
13	5	3	3	3	9	13	7	8	8	3	5	4	
14	2	4	1	3	2	3	0	1	1	0	1	2	
15	2	1	2	2	2	5	0	2	1	2	2	3	
16	3	2	0	2	2	2	3	5	11	3	5	0	
17	3	2	3	3	3	0	2	2	3	4	5	5	
18	3	3	3	0	2	0	2	3	3	3	0	2	
19	2	5	5	6	11	8	3	5	7	4	9	5	
20	6	9	13	15	9	2	3	0	2	2	3	3	
21	0	2	0	2	2	2	3	3	3	2	7	2	
22	4	3	2	5	1	2	2	2	2	3	0	2	
23	3	2	1	2	2	2	2	2	***	2	7	2	
24	2	7	13	5	3	6	11	9	8	3	3	3	
25	3	4	3	5	6	7	4	3	4	3	5	3	
26	5	5	4	5	2	2	2	4	9	9	19	11	
27	2	2	2	0	3	1	3	2	0	2	1	0	
28	3	2	3	3	4	2	1	2	2	2	2	4	
29	7	1	3	2	8	3	2	4	3	3	0	2	
30	5	2	2	2	3	0	3	5	4	3	4	4	
31	2	3	2	3	6	4	4	3	5	5	5	7	
MEAN	3	3	3	3	3	3	2	3	3	3	4	3	3.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051				MEMORIAL PARK YORK/THIRD ST., CORNWALL				MONTH - FEB 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	4	3	2	5	0	2	2	0	3	2	3
2	3	0	2	3	0	2	3	0	4	1	2	0	2
3	2	0	2	2	0	4	4	0	2	5	2	2	2
4	2	2	3	7	7	4	3	4	2	0	0	2	3
5	2	3	5	5	3	0	2	2	4	2	1	2	3
6	3	2	3	2	5	0	3	7	2	3	4	2	3
7	0	2	0	2	0	3	0	0	2	2	2	3	1
8	2	2	2	4	3	2	2	2	3	5	7	***	3
9	-	-	-	-	-	-	***	0	3	0	5	2	*****
10	3	2	2	3	2	3	2	13	7	7	7	7	5
11	0	5	3	3	2	0	3	4	3	2	5	0	3
12	2	0	3	3	1	2	0	2	2	3	0	3	2
13	3	0	3	3	2	3	0	3	0	0	0	0	1
14	0	4	2	0	5	0	3	2	0	2	7	0	2
15	7	2	0	5	3	2	0	7	0	3	3	0	3
16	2	3	0	2	3	0	0	0	0	3	2	2	1
17	0	3	2	3	5	5	0	7	3	2	3	5	3
18	2	3	1	5	7	1	7	7	2	3	0	0	3
19	0	0	3	0	0	0	3	0	3	0	2	0	1
20	2	0	0	5	0	0	1	3	0	2	3	3	2
21	2	1	5	2	5	5	2	4	3	0	3	5	3
22	3	0	3	0	2	0	2	0	0	2	2	0	1
23	2	2	2	5	0	0	0	5	0	2	0	2	2
24	0	0	5	3	3	0	2	3	5	2	0	7	3
25	2	7	7	15	19	3	3	13	9	9	8	9	9
26	14	11	15	19	12	12	5	19	17	15	9	17	14
27	7	5	3	5	3	2	2	0	0	0	0	2	2
28	2	1	0	0	3	0	0	3	0	3	0	3	1
29	3	5	0	3	3	4	8	5	7	5	2	2	4
MEAN	3	3	3	4	4	2	2	4	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONS/1000 FT

STATION -	SE NO 56051	MEMORIAL PARK YORK/THIRD ST., CORNWALL										MONTH - MAR 76	MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	0	2	3	0	2	0	2	2	0	3	1
2	3	0	0	0	5	3	4	4	2	3	2	3	2
3	5	0	2	2	7	5	6	3	2	5	5	5	4
4	5	0	3	3	4	2	5	4	3	7	3	5	4
5	3	7	3	3	5	7	2	2	0	2	0	2	3
6	3	0	0	0	2	3	0	3	2	3	2	2	2
7	0	3	3	0	2	1	0	3	2	3	2	0	2
8	2	0	0	2	3	0	4	2	2	3	0	0	2
9	0	5	2	6	0	2	3	2	0	4	0	2	2
10	6	9	2	2	3	6	2	5	2	4	5	7	3
								3	7	4	5	2	4
11	3	2	4	2	0	0	0	0	3	3	0	5	2
12	4	5	6	19	8	3	2	0	6	1	2	3	5
13	4	2	2	2	3	2	0	0	2	0	2	0	2
14	2	2	2	0	2	0	3	0	3	2	0	0	1
15	1	2	1	2	2	2	0	2	0	0	4	0	2
16	4	3	2	2	1	2	2	5	0	7	2	2	3
17	0	6	0	3	3	1	2	0	2	2	0	0	2
18	2	3	0	3	3	3	2	2	0	5	4	5	3
19	3	4	0	0	2	5	3	8	11	7	8	9	5
20	11	15	11	11	3	5	2	5	11	5	11	15	9
21	8	10	2	0	5	0	3	2	0	0	0	2	3
22	0	1	2	1	3	0	0	3	0	2	3	2	1
23	2	3	3	3	0	5	2	0	4	2	2	1	2
24	3	2	3	2	0	5	0	3	0	5	13	11	4
25	8	4	2	3	2	2	2	2	0	2	0	1	2
26	2	0	3	2	2	2	0	2	0	2	2	5	3
27	1	0	2	2	5	5	3	2	3	7	2	5	3
28	****	****	****	****	****	****	****	****	0	2	0	2	*****
29	0	6	2	4	0	3	0	5	0	7	5	3	3
30	3	0	3	0	7	0	9	0	3	3	3	6	3
31	0	9	2	10	5	4	3	1	9	0	9	2	5
MEAN	3	3	2	3	3	3	2	2	3	3	3	4	2.8

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONS/1000 FT

STATION -	SE NO 56051	MEMORIAL PARK YORK/THIRD ST., CORNWALL										MONTH - APR 76	MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	4	7	0	9	0	4	3	0	7	0	12	0	4
2	2	6	7	17	3	6	9	0	3	2	2	2	5
3	0	2	2	0	2	0	2	2	0	3	1	0	1
4	2	2	2	0	2	1	0	0	4	0	0	2	1
5	1	2	2	1	1	0	2	0	2	2	0	3	1
6	0	1	3	0	3	1	2	1	1	2	2	1	1
7	2	2	2	0	3	2	0	0	3	0	3	2	2
8	3	1	2	2	1	0	0	0	1	5	3	2	2
9	3	11	11	3	0	1	2	0	0	2	3	2	3
10	3	0	2	2	1	3	1	2	1	4	0	1	2
11	2	1	1	2	2	2	0	0	2	2	2	0	1
12	0	0	1	0	2	2	0	5	3	4	0	2	2
13	3	1	2	0	2	2	2	2	0	3	2	3	2
14	5	3	2	2	0	0	2	3	3	3	4	3	4
15	8	7	3	4	2	1	4	4	2	3	3	3	4
16	2	5	2	2	2	2	2	3	2	3	3	0	2
17	2	3	4	4	3	2	2	2	3	2	2	1	3
18	0	9	3	2	2	2	0	4	0	3	1	3	2
19	2	2	1	1	2	2	1	2	1	4	0	0	2
20	2	1	4	0	0	2	4	2	0	1	3	1	2
21	3	1	3	0	0	3	2	2	1	2	2	2	2
22	5	4	3	5	3	5	2	1	2	0	1	0	3
23	2	2	1	2	0	2	0	0	0	2	2	7	2
24	2	5	0	0	2	0	0	2	0	4	5	4	2
25	2	0	2	2	2	0	2	2	2	3	0	2	2
26	4	0	1	1	2	1	0	1	2	2	2	2	2
27	2	1	2	2	0	0	0	2	2	2	0	3	1
28	0	0	2	0	0	0	0	1	0	1	2	1	1
29	2	2	3	1	0	2	0	0	2	1	5	0	2
30	0	5	3	2	2	1	2	0	1	0	3	3	2
MEAN	2	3	3	2	1	2	2	1	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	0	2	1	6	3	1	2	3	2	2
2	2	2	0	1	3	2	3	0	1	2	2	2	2
3	1	3	1	1	0	1	2	0	2	1	0	0	1
4	1	0	2	2	2	0	0	2	1	2	0	2	1
5	2	2	3	0	2	1	2	3	0	1	2	1	2
6	2	3	0	0	0	2	0	2	0	1	2	2	1
7	0	2	2	3	0	2	2	0	1	5	2	2	2
8	0	0	2	2	3	0	3	2	0	2	0	2	1
9	0	0	2	2	3	2	2	2	0	3	2	2	2
10	2	6	2	1	2	1	1	0	3	3	4	2	2
11	3	2	2	3	4	5	2	0	0	3	3	2	2
12	3	2	2	0	2	2	0	0	0	2	2	2	1
13	0	0	2	2	0	1	1	0	2	0	3	4	1
14	2	4	8	4	7	0	3	0	3	2	0	3	3
15	2	2	2	6	0	1	2	2	2	5	2	2	2
16	3	3	2	3	0	3	0	2	4	2	3	2	2
17	0	2	0	0	3	0	0	2	0	2	4	3	1
18	0	2	3	0	3	0	0	2	0	3	0	2	1
19	0	3	2	4	2	0	0	3	1	2	0	0	1
20	1	2	2	1	2	0	3	3	0	3	2	0	2
21	0	0	2	0	3	1	0	0	3	0	0	2	1
22	1	0	0	0	2	0	0	0	2	2	3	2	1
23	2	3	0	2	2	0	0	3	0	0	1	0	1
24	3	0	3	0	4	0	0	2	2	0	2	0	1
25	5	0	6	2	0	2	2	2	0	2	3	2	2
26	5	6	3	9	2	7	3	3	2	2	3	2	4
27	5	0	0	0	3	2	0	2	0	0	3	0	1
28	0	0	3	0	0	3	3	3	0	2	5	2	2
29	3	2	3	2	3	3	2	0	2	2	1	2	2
30	5	5	0	2	0	2	3	0	3	2	0	2	2
31	2	0	2	2	5	0	1	6	2	0	0	1	2
MEAN	2	2	2	2	2	1	1	2	1	2	2	2	1.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	3	2	0	2	3	0	2	2	5	2
2	2	5	3	5	3	0	3	0	4	2	3	0	3
3	2	3	2	0	2	2	3	2	0	3	0	3	2
4	2	2	2	2	3	2	2	0	0	3	2	5	2
5	7	2	0	2	2	3	2	2	0	1	5	3	2
6	2	0	0	2	2	0	0	2	0	0	3	2	1
7	0	2	3	2	0	1	2	2	2	3	2	2	2
8	0	2	5	2	2	3	0	3	2	2	3	0	2
9	3	2	0	3	0	2	2	2	0	4	0	2	2
10	4	0	2	0	3	4	2	3	3	2	2	0	2
11	2	2	2	2	5	0	3	2	1	2	0	2	2
12	2	0	2	0	2	0	2	0	3	0	3	2	1
13	0	2	0	0	0	2	0	3	0	3	2	0	1
14	1	2	0	3	0	5	0	2	3	3	2	2	2
15	0	1	0	1	2	2	0	2	2	0	7	4	2
16	2	2	0	0	4	5	2	2	2	0	2	1	2
17	2	2	0	3	3	0	2	2	2	2	2	0	2
18	2	0	1	0	2	2	2	2	3	2	2	5	2
19	0	2	2	0	2	0	2	1	3	0	0	0	1
20	3	0	2	0	4	1	2	0	2	0	0	2	1
21	0	0	2	0	3	0	4	3	0	2	0	5	2
22	2	4	1	4	0	3	0	2	2	2	4	2	2
23	2	2	4	0	2	2	0	3	0	2	1	2	2
24	2	2	0	3	3	3	2	3	0	3	2	2	2
25	0	2	4	0	3	1	3	2	0	3	0	0	2
26	3	2	2	0	0	2	0	0	2	2	2	2	1
27	0	0	0	3	2	0	2	0	3	0	0	6	1
28	0	2	0	2	0	0	3	2	2	0	0	2	1
29	2	1	0	4	2	0	0	0	0	2	0	3	1
30	3	3	2	0	3	0	4	2	1	0	0	3	2
MEAN	2	2	1	2	2	2	2	2	1	2	2	2	1.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - JUL 76

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	0	2	0	4	2	2	0	0	2	2	1
2	2	0	5	0	0	0	5	0	0	3	2	3	2
3	2	11	0	4	0	0	0	4	0	2	2	5	3
4	0	0	7	0	9	0	5	0	2	0	0	0	2
5	3	0	0	5	0	4	3	5	0	2	2	5	2
6	0	3	0	4	0	3	0	4	0	4	0	2	2
7	0	4	0	8	0	9	0	3	0	4	0	4	3
8	0	7	0	6	0	5	1	3	0	3	0	7	3
9	0	3	2	1	2	0	2	4	0	2	5	0	2
10	2	4	0	4	3	0	2	0	0	6	4	0	2
11	4	2	0	4	2	2	2	2	2	1	3	2	2
12	2	0	4	0	2	2	0	2	0	3	0	0	1
13	1	0	0	0	2	4	2	0	1	3	4	0	1
14	0	2	5	2	0	3	0	7	0	2	0	3	2
15	3	2	2	1	0	2	0	4	0	0	4	2	2
16	0	0	0	0	2	1	3	0	5	2	3	5	2
17	3	0	2	3	2	0	3	2	0	0	0	0	1
18	2	2	0	3	2	1	0	0	2	2	3	2	2
19	2	0	0	0	2	3	0	2	2	2	0	6	2
20	2	0	4	0	2	6	0	2	3	0	4	0	2
21	0	0	2	2	2	2	3	0	0	0	3	1	1
22	2	0	0	2	4	0	2	0	2	1	2	3	2
23	2	0	2	0	0	2	3	4	0	3	3	0	2
24	2	5	0	0	5	0	2	3	0	0	4	0	2
25	1	8	0	0	2	0	0	4	0	3	3	0	2
26	2	0	2	4	0	2	3	0	4	1	0	2	2
27	0	6	0	1	6	0	0	0	0	2	0	2	1
28	0	2	0	1	2	0	5	2	0	3	0	4	2
29	0	4	2	0	4	0	2	0	3	3	0	2	2
30	1	2	0	5	2	1	4	4	4	5	4	4	3
31	6	5	1	2	0	0	4	3	0	5	2	0	2
MEAN	1	2	1	2	2	2	2	2	1	2	2	2	1.8

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - AUG 76

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	2	0	2	0	2	0	2	1	0	0	1
2	3	1	2	0	0	0	4	2	0	2	0	3	1
3	0	2	2	0	3	2	5	0	2	0	0	4	2
4	3	7	2	3	0	0	5	0	2	0	0	1	2
5	0	2	7	2	0	2	0	4	0	5	1	4	2
6	1	2	3	2	0	0	0	0	3	0	2	5	2
7	0	3	4	0	5	2	3	0	2	0	2	0	2
8	0	1	2	3	0	3	0	0	2	0	3	3	1
9	5	2	****	****	0	2	3	0	4	2	3	2	2
10	2	3	1	0	2	3	23	15	0	4	2	2	5
11	0	2	0	2	0	2	2	0	0	2	2	2	1
12	2	0	7	2	0	5	2	5	3	3	0	3	3
13	3	3	3	2	3	2	0	2	2	3	3	0	2
14	3	2	0	0	0	0	0	3	0	0	3	3	1
15	0	5	2	0	0	0	5	2	2	0	0	0	1
16	0	0	3	2	0	0	0	0	3	0	0	2	1
17	0	2	2	4	2	3	0	0	2	2	2	5	2
18	3	3	5	7	3	2	2	2	3	2	6	0	3
19	2	3	7	1	5	2	4	2	3	0	3	3	3
20	2	0	2	2	0	3	3	0	3	3	5	0	2
21	2	0	2	5	4	1	5	2	3	3	0	6	3
22	4	3	3	0	3	3	4	2	2	2	0	3	2
23	9	2	3	7	2	2	2	0	3	1	0	2	3
24	2	0	2	3	2	0	0	0	2	0	1	2	1
25	0	2	2	0	2	0	0	0	2	2	0	2	1
26	0	0	3	2	6	0	2	2	2	2	3	2	2
27	3	0	2	4	2	2	2	3	3	3	0	2	2
28	3	2	6	2	0	0	5	0	3	2	2	1	2
29	0	3	2	3	0	2	0	2	0	3	0	0	1
30	2	0	3	0	3	2	0	3	0	0	0	0	1
31	4	3	2	1	0	0	2	0	2	0	2	3	2
MEAN	2	2	3	2	2	1	3	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	0	3	5	0	3	0	0	5	0	2
2	0	4	0	4	0	3	0	3	0	2	5	0	2
3	0	2	7	3	4	5	0	0	2	4	2	4	3
4	2	2	0	2	0	2	2	2	0	4	2	5	2
5	2	2	2	3	0	0	2	2	3	0	2	0	2
6	0	1	2	0	0	1	0	0	0	2	1	2	1
7	5	2	1	0	3	2	0	2	2	0	2	2	2
8	5	9	3	2	3	3	0	0	2	5	6	0	3
9	3	6	5	8	3	2	2	0	3	0	3	3	3
10	0	4	2	4	0	1	2	2	0	2	2	1	2
11	3	0	2	0	4	0	1	2	4	0	1	0	1
12	3	0	1	0	0	2	0	0	0	0	2	6	1
13	0	4	0	3	2	0	5	1	2	3	3	0	2
14	2	2	2	2	0	1	3	0	0	4	3	1	2
15	0	2	1	2	2	3	2	5	3	0	2	2	2
16	0	0	2	3	3	2	3	2	5	2	4	6	3
17	7	8	7	5	4	5	3	3	2	0	1	2	4
18	2	2	0	4	0	2	2	0	0	2	0	2	1
19	2	1	1	0	2	2	****	1	2	1	2	0	1
20	2	1	0	5	2	2	0	0	2	3	0	1	2
21	1	0	3	2	3	3	0	0	2	0	3	4	2
22	2	2	7	6	0	3	0	2	0	3	0	1	2
23	2	2	0	0	0	5	2	3	2	2	0	5	2
24	1	0	0	4	2	3	2	2	0	2	3	1	2
25	2	0	2	0	2	1	1	0	0	5	2	4	2
26	3	1	0	8	0	0	6	0	2	2	2	2	2
27	0	0	1	2	4	0	1	2	2	3	0	2	1
28	0	2	2	0	2	5	0	2	0	1	2	2	2
29	1	1	2	1	3	0	1	2	2	0	5	0	2
30	2	2	0	4	2	2	2	3	0	2	3	2	2
MEAN	2	2	2	3	2	2	1	1	1	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	3	8	4	3	3	6	2	7	11	4
2	12	10	4	2	9	3	5	4	2	1	15	7	6
3	2	3	10	0	3	2	0	4	2	6	6	6	4
4	4	2	3	2	0	1	0	2	0	2	6	9	3
5	6	5	9	7	6	0	3	2	0	5	3	9	5
6	1	3	7	9	3	0	0	2	0	2	2	0	2
7	3	0	1	3	3	2	0	1	0	2	0	2	1
8	0	6	2	0	0	3	1	2	3	3	0	3	2
9	0	2	2	0	2	1	0	0	3	0	3	0	1
10	2	2	3	2	0	0	0	2	0	2	2	2	1
11	0	0	4	3	0	2	2	0	0	4	9	3	2
12	5	3	5	4	7	2	0	2	0	3	7	2	3
13	3	2	3	2	2	2	4	2	2	0	3	0	2
14	2	0	0	0	2	0	2	0	0	0	2	0	1
15	0	2	2	5	3	1	1	1	1	3	2	0	2
16	5	2	0	2	0	0	0	1	0	1	2	0	1
17	0	1	2	2	0	4	0	0	4	1	0	0	1
18	2	0	0	3	3	0	2	1	0	2	1	2	1
19	3	1	2	2	3	2	0	0	0	0	6	0	2
20	2	2	3	3	2	2	4	3	0	3	2	0	2
21	0	1	0	1	0	2	3	1	0	2	0	2	1
22	0	2	4	0	1	2	0	2	2	0	3	0	1
23	2	0	3	2	2	3	0	0	2	3	3	0	2
24	9	9	7	8	2	0	0	2	2	3	0	1	4
25	0	6	4	1	0	0	2	0	1	1	0	2	1
26	2	0	4	3	7	0	0	0	0	5	3	1	2
27	0	3	3	2	1	0	2	2	3	1	0	0	1
28	1	2	0	0	2	0	0	3	2	3	3	2	2
29	3	0	3	2	4	3	4	0	3	2	4	3	3
30	4	1	0	0	5	5	2	2	3	4	5	5	3
31	2	2	1	4	5	2	0	0	0	3	2	0	2
MEAN	2	2	3	2	3	2	1	1	1	2	3	2	2.2

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	0	3	0	2	0	5	2	5	2	2
2	3	2	0	0	3	0	2	1	3	0	4	1	2
3	0	2	3	2	2	0	0	2	2	2	2	2	2
4	1	3	5	1	1	3	1	***	13	5	5	3	4
5	2	5	0	5	4	1	2	0	2	7	5	3	3
6	4	0	3	2	3	2	0	3	3	2	3	0	2
7	3	2	1	0	0	2	0	0	2	2	0	2	1
8	0	3	2	0	0	2	0	2	4	2	0	0	1
9	0	0	2	0	0	2	2	0	5	3	3	0	1
10	2	2	2	2	4	4	7	3	5	3	3	3	3
11	2	0	2	2	0	2	3	3	3	3	0	2	2
12	2	0	2	2	2	3	0	0	3	3	2	0	2
13	0	3	2	2	3	2	2	0	2	3	0	0	2
14	0	3	4	0	2	2	0	2	0	0	3	2	2
15	2	2	0	2	0	5	2	2	2	8	6	2	3
16	5	0	3	2	3	0	2	0	3	2	0	3	2
17	3	3	3	4	2	2	2	5	2	5	3	2	3
18	4	2	3	4	2	4	2	2	2	0	0	3	2
19	4	2	1	0	2	6	2	0	3	2	2	2	2
20	5	1	0	5	0	2	0	2	0	2	2	5	2
21	0	3	0	2	1	0	2	4	0	0	2	0	1
22	1	1	2	2	0	0	3	3	2	0	0	0	1
23	1	0	2	2	0	0	2	2	2	0	2	0	1
24	0	0	3	0	1	3	0	2	2	0	2	2	1
25	0	2	2	6	2	3	2	2	2	6	2	3	3
26	2	0	2	0	6	4	9	2	2	2	1	2	3
27	2	0	2	2	6	5	3	2	0	2	0	2	2
28	0	3	0	3	3	0	0	3	2	3	0	0	1
29	2	1	0	3	0	4	0	2	2	4	0	0	2
30	2	0	1	0	0	2	0	3	0	3	0	2	1
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	3	3	2	2	3	0	2	4	0	2
2	4	0	2	2	2	2	3	0	0	3	2	2	2
3	0	5	2	3	2	2	3	2	3	2	3	0	2
4	3	5	4	6	2	3	2	4	5	2	5	4	4
5	5	7	2	2	2	5	2	5	2	3	0	2	3
6	0	5	2	3	4	***	4	3	6	3	0	4	3
7	4	4	5	4	2	2	2	3	1	2	0	3	3
8	2	1	2	0	2	0	0	1	1	0	4	4	1
9	2	1	2	1	2	1	0	0	2	3	2	6	2
10	3	0	0	2	4	2	6	4	6	6	7	5	4
11	2	2	0	2	0	2	3	2	2	2	6	6	2
12	0	2	2	2	2	1	2	2	0	2	4	3	2
13	1	0	0	0	3	2	2	1	2	2	2	2	1
14	1	4	3	2	8	0	2	2	0	2	2	2	2
15	4	1	2	2	1	4	0	1	2	3	3	4	2
16	1	2	5	4	6	3	4	4	7	3	10	6	5
17	2	4	2	5	2	2	2	0	6	4	2	0	3
18	2	0	0	1	0	2	1	0	0	0	3	2	1
19	0	6	0	3	2	0	2	3	2	1	7	3	2
20	2	4	2	3	3	2	6	2	1	0	0	2	2
21	2	3	3	1	3	0	2	2	1	0	2	0	2
22	2	0	0	2	3	3	0	4	0	0	2	0	2
23	0	2	3	0	1	0	6	3	0	1	3	2	2
24	1	1	0	6	1	2	1	2	2	0	8	2	2
25	0	3	0	5	5	0	2	0	2	7	2	1	2
26	4	0	2	2	2	4	2	2	4	0	1	0	2
27	2	4	3	2	3	0	2	0	0	3	2	2	2
28	2	2	6	6	3	1	4	1	8	6	3	1	4
29	1	2	2	3	3	4	3	4	4	5	3	5	3
30	4	2	2	2	1	1	0	0	5	3	0	0	2
31	2	2	3	2	1	6	2	0	0	0	0	3	2
MEAN	2	2	2	3	3	2	2	2	2	2	3	3	2.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.0	6	22
FEB	28	3.0	14	19
MAR	30	2.8	9	19
APR	30	2.0	5	17
MAY	31	1.7	4	9
JUN	30	1.7	3	7
JUL	31	1.8	3	11
AUG	31	1.9	5	23
SEP	30	1.9	4	9
OCT	31	2.2	6	15
NOV	30	1.9	4	13
DEC	31	2.3	5	10
YEAR	364	2.2	14	23

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	300	59	9	2	1	0	0	371
FEB	269	57	9	5	0	0	0	340
MAR	285	66	10	1	0	0	0	362
APR	334	22	3	1	0	0	0	360
MAY	352	20	0	0	0	0	0	372
JUN	346	14	0	0	0	0	0	360
JUL	337	34	1	0	0	0	0	372
AUG	339	29	1	0	1	0	0	370
SEP	325	34	0	0	0	0	0	359
OCT	326	43	3	0	0	0	0	372
NOV	330	28	1	0	0	0	0	359
DEC	324	47	0	0	0	0	0	371
YEAR	3867	453	37	9	2	0	0	4368

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.5	0	0.0	0.2	1.5	2.2	4.3	5.7	8.0	10.3	23	2.2



## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 58024				ELIZABETHVILLE/OSACA RD. WESLEYVILLE				MONTH - JAN 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	0	2	0	0	0	0	0	0	0	0
2	0	3	2	2	1	1	2	2	2	2	4	2	2
3	2	2	4	4	2	2	4	2	2	2	0	4	3
4	2	0	0	1	2	0	0	0	0	3	0	3	1
5	0	2	0	0	0	0	2	4	0	4	6	4	2
6	2	4	4	0	0	2	1	3	0	0	0	2	2
7	0	2	4	0	4	5	4	3	0	0	0	2	2
8	0	2	2	0	0	0	4	4	4	0	0	2	2
9	5	1	5	0	4	0	3	0	3	3	0	0	2
10	5	13	0	5	0	0	0	3	2	0	4	0	2
										0	3	0	3
11	2	0	3	4	0	0	2	0	4	6	0	2	2
12	2	0	0	3	0	3	0	4	0	0	0	5	1
13	1	0	0	5	6	6	4	8	2	0	2	1	3
14	0	2	2	0	4	0	4	1	2	2	5	3	2
15	0	0	2	6	2	0	3	0	0	2	5	5	2
16	0	1	3	3	0	2	0	0	5	0	4	0	2
17	0	9	0	0	3	0	0	0	0	0	5	0	2
18	2	2	0	2	0	2	0	2	2	0	0	0	1
19	1	0	2	0	3	6	0	3	2	0	0	0	1
20	0	0	5	11	11	0	0	4	0	3	9	3	3
										3	0	2	3
21	0	2	0	0	0	2	7	4	4	4	3	7	3
22	5	0	0	1	0	3	3	0	0	0	0	2	1
23	0	2	0	4	0	0	0	4	0	0	4	4	2
24	0	3	3	0	0	0	2	3	2	0	5	4	2
25	0	5	1	1	0	3	3	3	0	4	0	4	2
26	0	3	0	2	0	0	5	4	1	2	0	1	2
27	7	3	5	0	0	2	0	0	3	2	0	3	2
28	0	0	7	0	5	5	0	0	0	2	4	3	2
29	0	5	0	0	2	0	2	2	2	0	0	0	1
30	0	4	0	0	4	0	0	0	0	2	0	2	1
31	0	0	0	0	0	0	3	0	2	0	2	4	1
MEAN	1	2	2	2	2	1	2	2	1	1	2	2	1.8

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 58024				ELIZABETHVILLE/OSACA RD. WESLEYVILLE				MONTH - FEB 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	3	2	3	1	0	3	0	2	0	1
2	3	2	0	5	2	0	3	3	2	0	0	1	2
3	0	0	2	0	2	2	2	2	3	0	3	4	2
4	2	6	7	5	7	2	3	0	0	0	5	0	3
5	2	0	0	0	0	0	0	5	5	0	0	5	1
6	0	5	0	3	0	0	0	0	7	7	2	5	2
7	0	0	0	3	3	3	0	2	0	0	3	0	1
8	2	0	2	4	2	7	0	0	3	2	3	2	2
9	0	0	0	4	0	2	0	0	0	0	0	3	1
10	3	2	7	1	5	0	2	2	2	2	2	9	3
11	0	2	0	2	0	0	3	0	3	2	0	2	1
12	7	5	0	2	0	0	3	0	3	0	0	0	2
13	3	2	0	0	0	2	2	0	4	2	2	0	1
14	2	0	3	0	1	0	0	0	2	2	1	4	1
15	0	0	0	0	2	0	0	0	5	0	5	2	1
16	0	0	3	0	2	2	2	3	0	5	0	0	1
17	0	2	2	0	2	5	0	0	0	0	0	5	1
18	3	0	1	0	4	0	0	3	3	0	3	4	2
19	0	0	0	2	0	2	0	0	3	0	2	0	1
20	2	0	0	0	2	2	0	0	5	0	4	1	1
21	0	4	0	0	9	0	0	3	0	7	0	5	2
22	3	0	0	1	0	0	0	0	0	0	0	2	1
23	2	3	0	0	0	0	0	0	0	0	2	0	1
24	2	0	0	4	5	0	3	0	0	3	3	0	2
25	3	3	0	3	3	3	3	0	7	0	5	2	3
26	2	0	5	5	3	3	3	5	3	3	5	3	3
27	0	3	0	5	0	0	0	0	0	0	0	2	1
28	0	1	5	0	3	2	0	0	2	0	0	2	1
29	0	2	2	0	4	0	3	0	3	0	2	0	1
MEAN	1	1	1	2	2	1	1	1	2	1	2	2	1.6

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	0	0	3	0	0	1	5	1	3	1
2	5	5	0	0	2	2	4	0	3	0	0	0	2
3	0	0	1	0	3	0	2	0	3	5	0	0	1
4	0	0	2	5	0	5	3	0	0	0	0	0	1
5	0	0	0	3	2	2	0	3	0	0	0	3	1
6	3	0	0	0	0	0	0	1	4	0	0	0	1
7	2	0	1	0	3	2	3	0	0	0	0	2	1
8	3	3	0	0	0	0	0	0	0	2	3	5	1
9	3	2	2	2	0	2	5	0	8	2	0	5	3
10	7	2	2	3	0	5	0	7	0	5	0	3	3
11	0	0	2	1	2	2	0	0	2	5	0	0	1
12	0	0	0	2	0	1	0	7	0	3	6	0	2
13	0	0	4	6	0	3	3	0	3	0	2	5	2
14	0	2	0	11	2	0	1	2	0	3	0	2	2
15	2	0	0	7	0	5	2	3	3	3	2	0	2
16	0	0	0	3	3	2	2	0	4	0	0	1	1
17	2	3	0	3	4	3	2	0	3	0	0	3	2
18	0	0	0	0	0	***	4	0	7	3	2	2	2
19	2	0	0	4	0	2	6	8	2	2	2	2	3
20	0	7	0	2	3	1	5	0	6	2	0	3	2
21	2	3	0	0	4	0	2	5	0	0	0	5	2
22	0	0	5	0	3	0	3	0	0	4	2	7	2
23	2	2	2	3	2	2	2	5	0	0	0	0	2
24	3	3	3	0	3	5	3	0	2	4	5	2	3
25	5	7	2	0	4	2	3	5	0	2	0	0	3
26	3	0	1	0	2	0	3	0	3	0	3	5	2
27	4	6	2	7	7	3	2	5	0	0	3	2	3
28	0	5	0	0	2	0	4	0	0	5	2	2	2
29	0	3	2	2	8	3	0	2	2	2	5	2	3
30	0	0	0	2	0	3	0	5	2	0	3	0	1
31	9	9	3	7	0	2	0	0	0	0	2	5	3
MEAN	2	2	1	2	2	2	2	2	2	2	1	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	2	6	0	5	4	0	5	2	0	3
2	3	2	7	2	0	3	1	0	3	3	0	0	2
3	3	5	0	2	0	0	0	0	0	1	5	0	1
4	3	0	0	0	0	3	5	0	0	1	0	0	1
5	1	0	0	0	0	2	7	1	0	0	3	1	1
6	3	3	3	1	0	5	0	3	0	0	3	0	2
7	0	0	1	1	0	0	0	1	0	0	1	0	0
8	0	1	5	1	5	1	9	1	0	0	0	1	2
9	0	0	0	0	0	0	0	0	1	3	1	3	1
10	7	0	7	3	0	1	3	0	5	0	3	3	3
11	0	1	7	1	0	0	1	1	0	0	0	0	1
12	0	5	0	3	0	3	0	5	1	0	0	7	2
13	3	0	5	0	0	0	1	0	0	5	0	0	1
14	0	1	5	5	****	0	0	0	3	9	2	1	2
15	1	9	7	0	5	3	9	3	3	5	1	3	4
16	3	0	1	0	5	0	0	1	0	3	11	7	3
17	3	0	9	3	3	4	0	1	3	3	3	1	3
18	7	5	7	0	7	0	1	3	0	3	3	3	3
19	5	3	5	0	3	5	0	3	1	0	1	0	2
20	1	0	3	1	0	0	5	0	0	1	0	5	1
21	5	7	1	1	0	0	0	5	1	1	0	0	2
22	0	0	5	0	1	3	0	1	3	0	0	0	1
23	0	0	0	3	****	0	0	3	1	5	0	0	1
24	3	0	5	5	0	0	0	5	0	1	1	1	2
25	1	0	0	1	0	1	0	1	1	3	7	5	2
26	1	1	0	0	0	3	1	0	3	0	5	3	1
27	1	0	2	0	0	1	1	0	4	1	0	3	1
28	0	1	0	1	0	0	1	0	0	0	3	3	1
29	1	0	3	0	0	1	1	0	0	5	3	0	1
30	0	0	1	5	0	0	0	0	0	0	0	0	1
MEAN	2	2	3	1	1	1	2	1	1	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	0	2	0	2	3	2	7	3	2	2
2	4	2	3	3	4	7	3	0	3	3	2	5	3
3	3	0	1	1	0	0	0	0	0	0	0	0	0
4	2	0	2	2	0	2	0	0	3	0	3	2	1
5	3	7	0	3	5	2	5	2	2	0	3	0	3
6	3	3	0	0	1	2	2	0	0	3	0	0	1
7	0	0	0	1	5	1	0	0	2	2	0	1	1
8	3	0	0	0	2	3	4	3	3	0	5	3	2
9	2	5	0	5	5	0	5	5	2	3	0	0	3
10	2	2	0	0	7	0	5	0	5	0	7	0	2
11	3	1	3	0	1	0	1	0	3	5	1	1	2
12	3	2	0	0	0	2	0	2	0	5	0	1	1
13	0	0	4	0	7	2	0	2	2	3	2	0	2
14	0	2	2	3	2	2	5	3	0	3	2	2	2
15	5	5	0	0	0	0	2	0	2	5	3	0	2
16	3	0	2	3	2	0	0	0	0	0	0	0	1
17	2	3	3	5	0	***	2	0	0	0	4	0	2
18	0	4	2	2	2	7	4	0	0	0	0	0	2
19	0	0	4	0	0	0	2	2	0	0	0	0	1
20	0	1	0	1	1	0	0	2	0	0	3	0	1
21	2	4	0	0	2	2	2	0	2	0	0	4	2
22	2	0	3	0	0	2	0	0	1	2	0	2	1
23	0	0	0	0	0	0	4	0	0	0	3	0	1
24	5	2	0	0	0	2	2	1	2	0	0	0	1
25	4	0	0	0	0	4	2	0	1	0	0	0	1
26	5	0	1	0	0	0	0	0	1	0	0	7	1
27	0	0	3	0	3	0	2	3	2	7	3	5	3
28	3	2	5	0	1	3	3	0	2	2	3	2	1
29	2	0	0	3	5	2	0	2	5	5	7	0	2
30	2	3	2	5	2	2	0	2	0	0	1	2	2
31	1	2	2	0	0	1	0	0	1	2	0	0	1
MEAN	2	2	1	1	2	2	2	1	1	2	2	1	1.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	9	0	0	3	0	3	0	0	2	0	2
2	2	0	0	2	0	2	5	0	0	2	0	0	1
3	2	0	0	0	0	0	5	0	0	0	0	2	1
4	0	0	0	0	2	2	0	0	7	5	0	0	1
5	7	0	0	3	0	2	0	0	3	2	9	0	2
6	2	0	3	0	2	0	3	5	2	5	0	0	2
7	0	5	0	2	0	5	5	0	7	7	0	13	4
8	2	0	0	3	0	5	1	5	0	0	0	0	1
9	2	0	2	5	0	0	5	0	0	2	0	5	2
10	5	0	3	0	5	3	7	2	2	3	3	3	3
11	3	0	5	2	5	6	5	2	0	0	0	0	2
12	0	4	2	0	1	0	2	0	0	0	0	2	1
13	2	0	2	2	2	1	0	0	0	2	0	0	1
14	0	0	0	0	1	0	7	1	4	0	0	3	1
15	0	2	1	2	4	0	6	4	2	5	5	0	3
16	0	0	3	2	2	0	3	0	1	0	3	2	1
17	0	2	0	2	0	2	7	2	1	0	2	1	2
18	0	3	2	2	0	2	0	1	4	3	0	4	2
19	3	0	2	1	0	1	0	2	3	0	0	1	1
20	0	2	0	1	5	4	1	0	0	0	4	1	2
21	0	0	0	1	0	0	0	0	0	1	0	3	0
22	0	0	0	0	3	2	***	1	0	0	5	5	1
23	2	3	3	0	3	2	3	2	2	2	0	0	2
24	0	1	0	5	2	4	2	5	1	2	2	0	2
25	0	0	0	3	2	0	2	0	2	0	2	0	1
26	0	0	1	0	2	0	1	0	1	3	0	2	1
27	2	4	1	2	1	1	0	0	0	1	3	0	1
28	0	3	0	5	3	2	0	0	5	0	0	0	2
29	0	0	0	2	7	3	0	0	0	3	2	3	2
30	5	7	3	2	3	2	4	3	2	7	3	2	4
MEAN	1	1	1	2	2	2	3	1	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024	ELIZABETHVILLE/OSACA RD. WESLEYVILLE												MONTH - JUL 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	7	2	2	0	5	0	2	0	0	0	6	2	
2	0	3	0	0	0	3	0	3	2	4	0	2	1	
3	0	0	0	0	0	0	0	2	0	0	0	0	0	
4	0	0	2	2	0	0	0	5	7	0	2	0	2	
5	1	4	0	0	0	0	3	0	0	2	0	5	1	
6	3	0	3	0	0	0	0	0	0	2	0	0	1	
7	5	5	5	3	3	0	2	3	7	3	5	0	3	
8	1	0	1	4	0	5	0	5	0	0	5	2	2	
9	2	0	2	0	0	7	0	5	6	4	0	0	2	
10	2	0	3	3	7	5	0	1	2	3	0	2	2	
11	0	0	6	0	0	0	0	0	0	1	0	2	1	
12	0	2	0	0	4	0	0	2	0	1	0	4	1	
13	7	0	0	1	0	0	5	0	5	0	3	0	2	
14	0	0	2	0	1	2	2	0	6	2	2	4	2	
15	2	7	3	0	3	5	0	7	3	1	0	0	3	
16	2	4	0	3	2	0	****	0	3	0	0	4	2	
17	2	1	0	1	0	0	0	0	0	2	3	0	1	
18	0	3	0	4	2	0	2	0	8	2	0	2	2	
19	0	3	0	2	0	11	5	0	3	0	0	2	2	
20	0	1	0	3	3	2	2	3	0	0	2	3	2	
21	0	0	2	0	0	0	0	0	0	2	5	0	1	
22	1	3	1	7	0	0	0	0	2	0	3	0	1	
23	0	1	0	2	1	7	6	6	9	3	4	3	4	
24	2	0	0	3	0	3	0	0	0	0	0	3	1	
25	0	0	7	4	0	6	0	2	0	0	0	2	2	
26	0	0	0	0	6	0	3	3	4	0	2	3	2	
27	0	3	1	1	0	2	0	2	1	0	2	0	1	
28	0	0	0	1	1	2	0	7	0	0	4	4	2	
29	2	3	0	2	0	0	0	0	2	2	2	0	1	
30	0	2	2	0	4	0	1	0	0	2	0	3	1	
31	0	4	4	0	0	0	7	5	0	0	0	2	2	
MEAN	1	2	1	2	1	2	1	2	2	1	1	2	1.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024	ELIZABETHVILLE/OSACA RD. WESLEYVILLE												MONTH - AUG 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	5	0	0	0	0	0	0	0	0	1	
2	3	0	6	0	2	0	3	2	0	5	0	0	2	
3	3	2	1	0	0	3	0	6	0	1	0	0	1	
4	3	1	3	0	5	2	5	3	1	4	2	8	3	
5	0	5	4	1	6	0	8	2	9	3	1	3	4	
6	0	0	2	0	0	6	0	2	0	0	0	0	1	
7	0	0	0	1	1	4	1	2	5	0	0	0	1	
8	2	3	1	1	2	2	0	0	2	0	4	1	2	
9	0	3	2	0	0	2	0	2	2	1	4	0	1	
10	0	0	0	7	0	2	0	2	3	3	1	2	2	
11	2	0	0	0	2	0	****	0	0	3	3	0	1	
12	0	0	5	3	0	3	5	2	5	3	2	0	2	
13	2	0	2	0	5	2	0	2	0	0	0	1	1	
14	0	0	0	0	7	9	0	0	2	0	0	0	2	
15	3	3	2	5	0	0	0	0	3	4	5	2	2	
16	2	0	0	3	2	2	0	9	3	0	9	0	3	
17	0	0	0	0	0	0	3	0	5	0	1	0	1	
18	0	0	1	0	3	5	2	0	3	5	0	0	2	
19	0	2	3	0	0	5	3	0	4	3	0	2	2	
20	0	8	0	2	0	5	4	0	5	3	5	5	3	
21	2	5	0	7	0	3	5	3	5	5	0	3	3	
22	3	3	3	5	2	7	3	5	6	3	2	5	4	
23	0	0	1	5	0	0	0	0	2	-	-	-	1	
24	-	-	-	-	-	-	-	-	-	-	-	-	*****	
25	-	-	-	-	-	-	-	-	0	4	2	2	*****	
26	0	0	0	0	3	0	0	0	2	3	0	0	1	
27	3	3	2	1	0	2	2	2	1	2	1	0	2	
28	0	2	2	2	3	3	0	0	0	0	0	0	1	
29	3	0	1	0	2	0	0	0	0	0	0	0	1	
30	0	0	0	0	2	2	0	0	0	3	0	0	1	
31	0	0	0	0	0	0	3	2	2	0	1	0	1	
MEAN	1	1	1	2	2	2	2	2	2	2	1	1	1.7	

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 6.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - SEP 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	0	1	0	0	4	2	1
2	2	0	3	0	2	1	2	1	1	0	2	1	1
3	0	0	0	4	3	2	2	0	0	0	0	0	1
4	3	1	1	2	1	0	0	6	3	1	0	2	2
5	2	0	0	0	0	0	0	0	0	0	0	2	0
6	0	2	0	0	0	0	2	0	2	2	0	3	1
7	0	2	0	2	1	0	1	1	3	1	2	0	1
8	2	0	1	2	2	2	-	-	2	2	0	2	2
9	0	5	6	6	3	6	4	7	3	3	0	3	4
10	0	0	0	3	2	0	1	0	0	0	0	0	1
11	0	0	2	2	0	1	0	2	2	2	2	0	1
12	3	2	1	0	0	2	2	0	0	2	3	6	2
13	3	0	2	3	4	2	2	3	0	2	1	0	2
14	0	2	1	2	1	3	3	3	2	3	0	2	2
15	9	0	4	0	1	2	0	5	2	5	4	1	3
16	0	0	1	3	0	2	2	5	1	2	0	0	1
17	2	2	1	0	0	0	2	0	0	3	0	4	1
18	0	2	0	0	0	0	0	0	0	4	2	3	1
19	0	1	3	0	0	1	3	2	0	4	0	0	1
20	0	0	2	0	0	3	1	0	0	1	1	0	1
21	0	0	1	0	2	2	1	5	2	4	3	2	2
22	0	2	0	2	0	2	0	0	2	6	3	0	1
23	0	0	0	0	2	0	0	1	5	2	4	2	1
24	0	0	0	3	0	3	0	0	2	3	1	2	1
25	2	1	4	1	2	0	0	0	2	3	1	2	1
26	5	0	0	0	2	1	2	0	2	2	1	2	1
27	3	1	1	0	2	0	2	0	5	0	0	0	1
28	0	4	3	0	0	0	0	1	0	4	0	7	2
29	0	2	2	0	5	0	0	0	0	3	1	2	1
30	0	0	3	0	0	2	1	0	0	3	0	4	1
MEAN	1	1	1	1	1	1	1	1	1	2	1	2	1.3

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	2	0	0	0	3	1	1	3	2	2	2
2	1	0	0	0	0	0	0	2	0	0	0	0	0
3	0	3	2	4	1	0	0	0	2	0	3	2	1
4	2	0	2	2	2	0	0	0	0	4	0	0	1
5	0	0	2	2	0	3	1	2	1	2	1	0	1
6	0	2	0	2	1	0	1	0	0	0	0	0	1
7	0	2	0	0	3	0	1	2	0	3	2	0	1
8	0	6	0	0	3	2	0	2	0	4	3	0	2
9	0	2	0	3	2	2	2	0	0	0	0	0	1
10	0	0	2	2	1	6	1	0	0	0	2	0	1
11	2	2	1	0	0	0	0	0	0	2	1	0	1
12	2	2	0	0	2	1	0	2	0	4	0	3	1
13	0	2	0	0	2	0	0	2	2	2	2	3	1
14	0	1	0	2	3	0	2	0	0	0	0	0	1
15	4	0	5	2	0	2	2	7	0	0	0	0	1
16	1	2	3	0	0	0	3	1	0	3	2	0	2
17	0	1	0	2	0	2	1	0	0	3	1	4	2
18	1	2	0	0	0	1	0	0	0	1	0	0	1
19	2	3	0	0	0	2	0	0	2	2	0	0	1
20	1	5	0	1	0	1	0	0	2	2	0	0	1
21	2	2	2	4	0	0	0	3	0	0	2	0	1
22	0	0	2	2	0	0	0	0	0	0	2	0	1
23	0	2	2	2	2	0	0	0	0	2	3	0	2
24	0	0	0	0	0	0	0	3	2	2	2	6	2
25	0	0	0	0	0	0	2	2	3	2	2	0	1
26	2	0	0	0	0	0	2	0	0	2	0	2	1
27	2	0	0	0	2	****	2	0	0	3	0	2	1
28	0	2	1	1	0	2	0	3	0	0	1	0	1
29	1	2	2	1	0	3	7	2	1	2	2	1	1
30	1	0	3	2	3	2	1	0	2	1	2	2	2
31	4	0	2	0	0	1	2	0	2	2	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	2	1	1	1.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	0	0	0	1	0	0	2	2	1
2	0	2	2	2	1	2	0	0	2	5	1	1	2
3	3	0	0	0	3	2	***	0	2	0	0	0	1
4	3	3	2	3	3	2	0	2	2	1	5	0	2
5	0	3	0	0	0	7	0	3	0	1	5	0	2
6	0	3	0	3	0	2	2	2	0	0	0	0	1
7	0	0	0	3	3	0	2	0	0	3	0	0	1
8	0	0	0	2	2	2	0	0	3	2	2	0	1
9	2	0	3	0	2	0	0	0	5	0	4	2	2
10	0	2	4	3	0	1	0	0	2	0	5	0	1
11	0	3	0	0	0	1	2	0	0	3	1	0	1
12	0	6	0	0	0	0	2	2	0	0	2	0	1
13	0	2	2	0	6	2	0	1	0	1	3	2	2
14	2	0	0	1	5	0	0	0	0	0	0	0	1
15	2	2	2	0	5	0	3	1	5	3	3	0	2
16	2	0	0	0	0	0	3	0	3	0	2	0	1
17	3	0	0	7	4	0	0	2	0	0	0	0	1
18	0	0	0	3	0	2	0	0	4	0	2	2	1
19	0	0	0	2	2	0	3	2	0	0	1	2	1
20	0	2	2	0	2	0	0	0	3	2	0	0	1
21	5	0	1	0	0	3	0	3	2	2	0	0	1
22	3	2	0	2	2	3	0	0	2	0	0	0	1
23	1	0	7	0	9	0	0	0	5	0	2	7	3
24	2	0	4	2	0	4	****	4	2	2	10	2	3
25	0	3	2	3	0	2	6	2	0	2	1	1	2
26	0	1	7	0	2	7	3	3	0	0	0	0	2
27	0	1	0	0	2	0	0	0	8	2	0	2	1
28	0	0	1	0	****	-	-	-	-	****	****	****	*****
29							- DATA INVALID -						
30							- DATA INVALID -						
MEAN	1	1	1	1	2	2	1	1	2	1	2	1	1.4

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 18.3

PERCENTAGE OF DATA UNAVAILABLE - -8.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 58024

ELIZABETHVILLE/OSACA RD. WESLEYVILLE

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9	0	0	0	3	2	2	2	0	0	4	0	1	*****
10	3	2	0	4	0	0	3	6	6	3	4	1	3
11	2	0	4	2	0	0	2	2	0	2	4	6	2
12	5	1	4	0	4	2	3	2	0	2	0	4	2
13	0	2	4	1	4	0	0	0	0	3	1	5	2
14	2	0	4	2	1	0	2	3	2	0	2	4	2
15	3	4	2	9	2	3	0	3	3	3	0	2	3
16	2	2	3	2	2	10	0	2	5	2	6	2	3
17	6	1	0	4	2	5	2	0	6	1	3	0	3
18	0	2	4	1	0	3	1	0	0	0	4	0	1
19	1	2	0	2	0	3	2	4	2	0	1	6	2
20	5	0	5	2	8	0	8	6	1	0	0	2	3
21	0	0	1	1	0	0	4	6	1	2	0	2	1
22	6	0	6	2	2	0	2	1	0	1	2	0	2
23	4	2	0	2	3	2	0	2	0	0	0	0	1
24	0	2	0	0	0	0	0	0	0	0	1	6	1
25	0	2	4	2	2	2	3	2	3	2	2	2	2
26	3	5	2	1	0	4	1	2	0	0	4	2	2
27	1	0	1	0	2	0	0	0	0	2	0	0	1
28	1	3	1	3	1	1	2	0	1	2	0	1	1
29	2	2	2	1	4	3	1	6	2	3	0	0	2
30	0	3	0	1	0	0	0	0	0	2	0	3	1
31	0	4	2	0	2	0	3	0	2	1	0	2	1
MEAN	2	2	2	2	2	2	2	2	1	2	2	2	1.8

PERCENTAGE OF DATA VALID - 75.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 24.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 58024 ELIZABETHVILLE/OSACA RD, WESLEYVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.8	3	13
FEB	29	1.6	3	9
MAR	31	1.9	3	11
APR	30	1.7	4	11
MAY	31	1.6	3	7
JUN	30	1.6	4	13
JUL	31	1.6	4	11
AUG	29	1.7	4	9
SEP	30	1.3	4	9
OCT	31	1.1	2	7
NOV	27	1.4	3	10
DEC	23	1.8	3	10
YEAR	353	1.6	4	13

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 58024 ELIZABETHVILLE/OSACA RD, WESLEYVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	335	34	3	0	0	0	0	372
FEB	311	37	0	0	0	0	0	348
MAR	319	51	1	0	0	0	0	371
APR	303	54	1	0	0	0	0	358
MAY	333	38	0	0	0	0	0	371
JUN	316	42	1	0	0	0	0	359
JUL	329	41	1	0	0	0	0	371
AUG	304	44	0	0	0	0	0	348
SEP	340	18	0	0	0	0	0	358
OCT	363	8	0	0	0	0	0	371
NOV	304	22	0	0	0	0	0	326
DEC	257	25	0	0	0	0	0	282
YEAR	3814	414	7	0	0	0	0	4235

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.4	0	0.0	0.0	0.5	1.8	4.0	4.9	6.5	7.0	13	1.6

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59002 139 GEORGE ST PETERBOROUGH

MONTH - JAN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	0	2	2	2	1	0	1
2	2	2	0	0	0	4	0	4	0	2	***	-	1
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6						5	17	7	11	7	11	15	*****
7	15	10	9	9	9	9	2	2	0	0	2	0	6
8	2	3	2	4	5	5	4	3	3	6	2	2	3
9	9	0	2	9	5	7	2	1	6	0	6	8	5
10	4	2	2	1	4	0	2	2	4	2	4	2	2
11	0	0	1	1	2	5	1	3	0	2	4	3	2
12	1	1	4	5	6	2	2	2	6	4	2	2	3
13	0	3	6	18	16	10	7	0	2	7	1	6	6
14	9	3	2	2	5	0	4	2	4	3	0	2	3
15	2	2	3	2	0	3	3	2	2	2	4	5	3
16	4	0	0	4	0	13	13	2	5	3	5	2	4
17	3	1	3	2	2	3	2	0	2	3	2	7	4
18	3	2	2	2	3	1	6	0	4	5	5	10	3
19	6	2	4	3	8	14	16	7	5	2	7	16	4
20	11	6	3	9	2	6	2	4	2	0	2	2	4
21	10	12	10	11	5	5	2	2	4	2	0	3	6
22	1	4	4	3	0	5	1	6	2	4	8	0	3
23	2	4	1	6	2	5	2	4	3	9	2	1	3
24	4	5	2	2	3	1	4	10	17	3	7	0	5
25	2	3	2	0	1	0	3	0	2	1	3	2	2
26	2	5	7	6	5	7	3	5	1	2	3	2	4
27	3	7	9	9	0	2	7	4	5	0	5	6	5
28	2	8	3	3	4	13	24	15	15	10	15	10	10
29	11	0	5	5	2	4	2	0	2	5	2	2	3
30	2	8	1	4	0	4	3	6	6	1	4	0	3
31	6	5	5	8	11	14	19	10	9	6	14	14	10
MEAN	4	4	3	5	4	5	5	4	4	3	4	5	4.3

PERCENTAGE OF DATA VALID - 88.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 11.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59002 139 GEORGE ST PETERBOROUGH

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	17	16	10	15	15	7	5	0	5	1	2	0	8
2	2	3	2	3	6	****	****	2	8	1	4	2	3
3	3	2	10	6	4	2	6	4	20	8	13	11	7
4	2	9	7	7	2	4	5	5	1	4	4	6	5
5	4	3	5	6	2	3	0	4	4	2	3	0	3
6	4	3	8	4	4	2	1	5	4	2	7	8	4
7	0	0	4	5	11	7	6	16	14	6	9	8	7
8	9	4	6	2	0	2	2	0	2	7	2	5	3
9	0	3	0	0	6	3	8	15	16	14	19	20	9
10	18	17	18	15	12	11	13	10	12	10	4	2	12
11	4	1	4	4	1	3	2	2	3	0	2	2	2
12	1	8	5	4	6	12	14	16	16	16	22	12	11
13	16	7	10	4	5	2	0	2	6	6	1	4	5
14	3	0	3	4	2	0	1	2	2	6	6	4	3
15	1	2	3	0	0	12	9	4	12	6	0	0	4
16	8	4	5	3	4	0	2	2	0	2	1	2	3
17	2	6	3	4	2	2	4	4	4	9	2	0	4
18	2	0	2	2	3	2	3	1	4	0	8	2	2
19	4	2	2	5	4	4	2	2	0	2	2	4	3
20	0	0	0	4	2	2	4	2	3	6	6	3	3
21	13	1	2	3	3	0	6	3	3	5	2	0	3
22	4	0	0	2	2	0	3	2	0	1	2	2	2
23	0	7	2	0	10	6	4	2	25	13	20	7	8
24	7	10	11	30	11	11	5	5	9	13	9	11	11
25	15	19	13	20	21	7	3	9	13	9	15	11	13
26	17	9	9	9	15	11	2	9	13	9	9	8	10
27	0	7	5	9	1	5	1	0	5	7	0	2	4
28	0	0	0	0	0	0	3	2	0	1	3	7	1
29	0	2	5	3	3	13	11	3	1	7	0	0	4
MEAN	5	5	5	6	5	5	4	5	7	6	6	5	5.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59002				139 GEORGE ST PETERBOROUGH				MONTH - MAR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	0	0	3	1	0	0	0	7	1	1
2	1	2	1	7	2	0	3	0	2	0	0	0	2
3	5	5	1	0	5	5	3	2	5	9	2	5	4
4	2	5	0	5	5	5	3	3	3	0	0	0	3
5	0	4	5	13	15	7	5	3	5	3	1	1	5
6	3	0	2	2	0	3	0	0	3	5	3	7	2
7	5	1	1	3	7	1	7	0	0	2	3	3	3
8	3	2	2	3	0	3	3	5	0	13	7	3	4
9	11	0	3	11	3	13	3	3	3	3	7	2	5
10	3	0	5	2	4	8	11	17	19	17	15	5	9
11	3	2	0	0	0	2	0	7	7	3	4	7	3
12	5	7	1	2	0	0	3	3	0	5	0	5	3
13	4	21	11	0	5	2	0	0	9	5	1	0	5
14	5	5	7	25	11	7	11	15	13	5	7	0	9
15	0	2	2	3	3	0	3	0	0	3	3	8	2
16	7	0	2	0	3	2	0	0	2	0	2	0	2
17	0	0	0	5	0	2	3	2	5	5	2	2	2
18	15	11	9	1	7	15	15	21	27	20	5	2	12
19	0	5	1	5	9	3	3	3	7	13	11	15	6
20	9	2	5	7	13	9	5	9	2	11	19	11	9
21	11	9	1	0	7	2	0	3	3	5	0	2	4
22	2	0	3	0	3	2	5	0	3	17	11	11	5
23	15	31	19	15	11	5	3	3	3	19	15	23	14
24	7	11	11	19	15	5	9	9	2	7	15	19	11
25	23	19	13	21	11	0	2	3	3	1	2	0	8
26	1	5	5	3	3	0	1	3	1	0	3	11	3
27	11	13	7	13	13	13	9	10	9	15	5	2	10
28	2	0	0	3	0	0	2	2	0	0	2	0	1
29	1	7	2	0	0	2	0	0	5	0	3	5	2
30	0	0	0	2	2	2	3	3	0	3	3	1	2
31	11	13	19	19	11	5	0	3	3	1	1	5	8
MEAN	5	6	4	6	5	4	4	4	5	6	5	5	5.0

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59002				139 GEORGE ST PETERBOROUGH				MONTH - APR 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	21	19	0	5	7	7	3	9	11	21	17	23	12
2	13	5	5	5	3	3	0	2	3	0	2	0	3
3	0	2	0	0	2	0	0	0	0	0	2	3	1
4	5	5	0	0	2	2	0	0	3	0	0	0	1
5	0	0	0	0	1	0	3	1	2	0	3	3	1
6	0	3	3	0	0	5	0	0	2	0	0	3	1
7	2	7	1	2	1	2	5	2	2	5	0	0	2
8	2	5	3	0	2	0	2	2	2	7	0	3	2
9	3	5	3	5	0	3	0	1	2	2	0	1	2
10	5	3	5	0	5	2	0	3	0	2	3	2	3
11	0	0	0	0	0	2	2	3	1	0	0	0	1
12	0	5	2	2	2	0	2	2	****	-	-	-	2
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23	-	-	-	-	-	-	-	-	-	5	3	7	*****
24	5	0	3	1	0	3	5	3	15	15	10	3	5
25	2	3	2	0	3	3	3	0	1	0	0	0	1
26	0	3	5	3	1	3	2	5	2	3	1	0	2
27	3	0	1	1	3	0	1	1	0	1	1	3	1
28	1	2	1	1	0	1	1	1	1	0	3	1	1
29	0	4	5	1	1	10	0	1	0	1	0	0	2
30	0	9	5	13	0	3	1	1	1	3	9	11	5
MEAN	3	4	2	2	2	3	2	2	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 63.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 36.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59002 139 GEORGE ST PETERBOROUGH

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	5	1	1	4	5	0	1	0	13	20	20	6
2	13	29	13	24	4	5	1	0	1	3	9	15	10
3	4	7	7	7	0	3	3	2	3	1	2	3	4
4	1	1	3	1	0	2	3	1	1	11	21	29	6
5	31	21	17	17	9	9	7	2	5	9	7	0	11
6	2	3	5	3	1	5	0	1	1	0	2	2	2
7	0	0	2	3	0	2	0	7	1	0	0	5	2
8	1	1	5	0	3	0	0	0	0	2	13	13	3
9	19	13	11	17	10	7	7	1	1	0	3	2	8
10	3	5	7	3	1	3	3	3	0	2	3	15	4
11	5	3	0	2	0	9	1	3	2	0	2	3	3
12	5	2	0	2	0	0	3	0	3	3	0	3	2
13	17	15	17	3	1	1	13	1	1	3	2	7	7
14	0	1	5	15	7	11	1	5	0	1	5	3	5
15	3	11	17	5	1	2	1	5	0	3	5	1	5
16	3	5	3	0	3	0	1	3	1	2	1	9	3
17	13	15	18	17	3	5	1	0	0	0	0	1	6
18	0	1	3	0	0	0	0	3	0	0	0	0	1
19	2	3	0	0	2	1	3	1	0	2	3	0	1
20	0	3	1	1	1	0	0	0	0	0	0	5	1
21	15	9	3	0	0	5	3	1	0	1	3	3	4
22	2	0	1	1	0	0	0	1	0	0	3	0	1
23	0	3	1	0	0	0	0	1	0	0	0	2	1
24	0	3	3	0	0	0	0	0	0	0	3	0	1
25	0	1	2	2	0	0	0	0	0	0	3	5	1
26	2	0	0	0	3	0	0	0	3	0	0	2	1
27	2	0	9	2	0	0	2	0	0	2	2	2	2
28	2	3	5	5	2	2	0	0	4	5	5	7	3
29	6	2	7	3	7	3	2	1	2	4	5	2	4
30	0	3	5	2	3	2	0	3	2	0	2	2	2
31	2	3	2	2	0	5	0	5	0	0	3	0	2
MEAN	5	6	6	4	2	3	2	2	1	2	4	5	3.4

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59002 139 GEORGE ST PETERBOROUGH

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	3	3	0	2	3	0	2	2	3	2
2	2	9	0	2	5	7	0	2	0	3	2	2	3
3	8	3	2	0	0	3	0	2	3	1	0	2	2
4	0	4	3	0	3	2	0	0	2	3	0	5	2
5	4	3	3	2	0	5	2	2	0	2	0	3	2
6	2	1	0	0	2	0	1	0	2	1	2	1	1
7	0	1	2	1	5	6	1	5	5	0	0	3	2
8	3	3	3	5	2	2	0	*****	-	-	-	-	*****
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
MEAN	3	3	2	2	3	3	1	2	2	2	1	3	2.0

PERCENTAGE OF DATA VALID - 25.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 74.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 59002 139 GEORGE ST PETERBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	4.3	10	24
FEB	29	5.4	13	30
MAR	31	5.0	14	31
APR	19	2.7	12	23
MAY	31	3.4	11	31
JUN	7	2.0	3	9
YEAR	144	4.2	14	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 59002 139 GEORGE ST PETERBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	215	87	19	7	1	0	0	329
FEB	202	87	35	18	4	0	0	346
MAR	221	84	46	13	7	1	0	372
APR	183	33	6	2	3	0	0	227
MAY	283	54	18	11	5	1	0	372
JUN	80	11	0	0	0	0	0	91
YEAR	1184	356	124	51	20	2	0	1737

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID				CONCENTRATIONS							FREQUENCY DISTRIBUTION, PERCENT		ARITH MEAN
MIN	10	30	50	70	90	95	98	99	MAX				
79.5	0	0.0	0.8	2.1	4.2	10.5	14.6	18.6	20.6	31	4.2		

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH - FEB 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20	-	-	-	-	-	****	7	2	0	2	0	0	*****
21	2	3	0	3	0	2	3	2	3	2	7	2	2
22	5	0	3	2	3	2	0	2	1	3	2	12	3
23	2	9	2	0	0	0	0	0	3	0	0	0	1
24	2	0	5	2	2	7	5	7	0	0	5	2	3
25	3	3	7	10	3	2	5	7	0	6	0	2	4
26	2	3	2	5	5	0	0	3	3	19	9	0	4
27	7	0	6	2	0	0	2	0	3	2	0	5	2
28	3	0	2	2	2	0	5	2	2	3	0	0	2
29	0	0	0	0	0	5	0	2	0	3	0	7	1
MEAN	3	2	3	3	2	2	3	3	2	4	2	3	2.6

PERCENTAGE OF DATA VALID - 32.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 67.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	5	2	3	2	0	5	****	5	2	0	3	3
2	2	3	2	0	3	1	1	3	3	0	3	0	2
3	0	0	2	2	2	0	4	0	6	2	3	0	2
4	2	0	0	0	0	0	3	0	0	7	2	0	1
5	0	2	7	0	4	0	5	3	****	0	0	3	2
6	7	0	0	2	3	0	0	2	0	1	0	2	1
7	0	0	3	0	0	6	0	3	2	2	5	0	2
8	2	0	2	3	0	2	0	5	0	3	0	3	2
9	0	3	****	3	2	5	5	2	****	0	3	****	3
10	0	4	2	2	0	0	2	0	0	0	8	3	2
11	9	2	3	2	2	3	0	3	6	3	0	2	3
12	0	0	3	2	5	2	0	1	5	0	0	2	2
13	0	4	3	8	3	0	2	0	2	0	0	2	2
14	5	0	2	0	2	2	0	2	0	0	5	0	2
15	2	0	0	5	2	4	2	4	0	2	2	1	2
16	0	0	2	0	3	0	2	3	0	2	2	2	1
17	0	4	0	2	6	0	3	0	1	3	0	2	2
18	11	3	3	2	2	4	0	4	2	5	2	3	3
19	0	2	4	2	2	7	2	5	2	6	0	2	3
20	0	4	5	6	0	8	3	3	4	2	1	1	3
21	2	0	0	0	2	0	0	0	0	4	0	4	1
22	5	2	0	6	5	0	4	0	2	0	0	0	2
23	3	0	2	5	0	5	2	4	3	0	4	7	3
24	7	2	3	2	11	22	2	6	0	3	3	2	5
25	2	0	3	5	7	****	****	2	3	0	0	0	2
26	0	2	2	2	4	0	2	3	0	2	2	0	2
27	0	2	0	0	2	0	0	0	2	1	2	0	1
28	5	0	4	2	3	0	3	3	0	2	2	0	2
29	0	0	2	0	1	1	0	0	2	0	2	2	1
30	0	1	1	0	2	2	1	2	1	0	3	0	1
31	2	5	2	1	3	1	3	3	0	1	2	0	2
MEAN	2	2	2	2	3	3	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONHS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - APR 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	2	2	1	0	0	0	1	2	2	0	1
2	0	0	1	0	0	0	2	2	2	1	2	1	1
3	2	0	0	2	2	0	1	0	1	3	5	4	2
4	2	2	2	3	2	2	2	1	1	1	0	1	2
5	1	0	2	2	2	0	1	0	2	0	1	1	1
6	2	2	4	1	2	0	1	1	3	4	3	5	2
7	3	0	3	4	2	0	2	1	2	1	2	1	2
8	1	0	1	1	1	1	0	0	2	3	2	2	2
9	1	2	3	2	1	0	0	2	2	3	4	2	1
10	1	2	0	2	2	2	2	0	....	2	3	0	1
11	0	0	0	1	0	1	1	0	0	1	2	2	1
12	2	1	2	1	3	0	2	1	2	1	4	5	2
13	9	2	4	2	2	5	2	1	1	4	3	1	3
14	1	1	0	1	2	3	2	1	4	4	2	0	2
15	0	2	2	0	1	0	0	2	2	2	3	1	1
16	2	1	0	1	0	2	3	3	0	1	2	1	1
17	2	3	0	0	1	0	1	0	1	2	0	2	1
18	2	2	2	2	1	0	2	2	2	0	0	1	1
19	0	0	1	1	0	0	1	2	1	1	0	1	1
20	0	1	1	2	3	1	0	0	3	3	1	0	1
21	0	2	1	1	0	2	1	2	1	1	1	1	1
22	1	1	0	0	0	0	0	1	2	2	2	2	1
23	0	2	1	1	2	0	0	1	0	2	0	2	1
24	0	3	0	1	2	1	0	2	0	1	3	2	1
25	1	1	1	2	2	1	2	0	0	0	3	3	1
26	0	2	0	1	0	0	2	1	1	0	0	1	1
27	1	0	2	2	0	2	2	0	0	0	5	2	1
28	2	2	1	2	1	1	2	0	0	3	2	3	2
29	2	2	2	2	2	2	9	2	4	1	2	0	3
30	2	3	6	6	9	2	2	0	1	1	2	0	3
MEAN	1	1	1	2	2	1	2	1	1	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONHS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - MAY 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	3	2	0	0	0	0	1	2	2	1
2	0	0	1	1	3	2	0	0	1	3	2	2	1
3	3	2	0	1	1	0	0	2	3	2	0	2	1
4	3	3	2	5	2	3	2	0	2	3	2	1	2
5	0	2	3	2	2	2	2	1	0	0	3	2	2
6	2	0	0	0	2	3	2	1	0	0	4	1	1
7	3	2	1	1	2	2	0	0	1	....	-	-	1
8													
9													
10	-	-	-	-	-	-	-	2	0	0	2	0	.....
11	2	0	0	2	2	2	0	0	2	2	3	2	1
12	2	2	3	0	2	2	0	2	0	1	0	2	1
13	0	1	0	3	5	7	2	1	2	0	1	0	2
14	3	2	0	1	3	0	2	0	2	2	3	2	2
15	0	0	3	0	0	2	2	2	2	2	0	1	1
16	1	0	1	0	0	2	2	0	2	0	0	1	1
17	2	2	0	1	2	2	0	2	2	2	1	2	1
18	0	2	2	2	2	3	2	0	2	2	0	0	1
19	2	3	0	4	2	0	2	1	2	0	1	2	2
20	0	2	2	1	2	0	0	0	2	1	0	2	1
21	1	2	0	3	2	2	0	0	0	3	1	0	1
22	3	2	0	3	1	2	0	0	0	0	2	3	1
23	1	2	0	0	0	2	2	1	2	1	2	2	1
24	1	1	2	1	0	0	2	0	0	2	1	2	1
25	0	3	2	2	0	0	1	0	2	2	1	2	1
26	1	2	2	2	2	0	0	0	2	0	0	1	1
27	2	3	2	2	3	1	3	1	2	2	4	3	2
28	1	2	1	5	3	1	3	1	3	5	3	5	3
29	3	2	3	2	3	5	2	1	3	1	7	5	3
30	3	5	5	3	2	0	3	0	2	2	0	0	2
31	4	2	2	3	3	2	0	2	2	0	2	2	2
MEAN	2	2	1	2	2	2	1	1	1	1	2	2	1.5

PERCENTAGE OF DATA VALID - 90.9

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 8.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040

435 JAMES ST S THUNDER BAY

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	1	0	1	3	1	2	0	3	4	1
2	3	4	4	1	3	1	1	2	3	2	2	1	2
3	2	2	3	4	2	1	2	1	3	4	2	2	2
4	0	5	3	5	3	3	2	3	2	5	2	1	3
5	2	2	2	2	0	6	0	3	1	1	2	4	2
6	2	3	4	3	1	2	0	2	0	2	4	4	2
7	3	4	2	5	8	3	2	2	3	2	2	2	3
8	3	2	2	3	1	2	2	1	1	2	2	6	2
9	1	1	1	2	1	2	1	0	1	0	2	0	1
10	0	3	1	3	2	0	3	0	1	1	2	3	2
11	3	2	2	0	1	2	4	0	0	1	2	2	2
12	1	3	0	1	0	0	0	0	1	2	1	2	1
13	1	2	5	4	3	2	0	2	2	0	2	2	2
14	1	4	0	2	2	0	4	1	2	0	4	1	2
15	0	1	1	0	2	2	0	3	3	0	0	1	1
16	1	1	1	0	1	0	2	0	1	0	1	2	1
17	2	0	3	2	0	2	4	0	0	2	3	0	2
18	3	0	0	1	2	0	3	0	2	0	2	0	1
19	0	2	1	2	0	0	1	2	0	0	0	0	1
20	2	1	2	2	1	0	0	0	0	2	0	5	1
21	4	0	0	2	4	0	5	0	2	2	1	3	2
22	3	2	3	3	4	2	0	1	2	0	1	3	2
23	2	3	2	3	2	1	0	4	0	1	0	2	2
24	0	2	3	0	0	2	2	0	0	4	0	0	1
25	1	3	0	1	****	1	0	3	4	2	3	2	2
26	0	1	2	2	6	0	0	2	0	1	0	2	1
27	0	0	4	2	0	1	0	4	2	2	0	2	1
28	0	2	0	3	7	1	0	1	2	2	0	6	2
29	1	0	6	0	2	0	1	0	1	2	0	2	1
30	1	0	2	2	2	0	2	1	1	0	1	0	1
MEAN	1	2	2	2	2	1	1	1	1	1	1	2	1.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040

435 JAMES ST S THUNDER BAY

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	1	0	3	3	2	0	0	2	0	5	2
2	0	0	0	4	0	4	2	0	0	3	2	1	1
3	1	2	0	2	0	4	1	1	2	2	0	3	2
4	2	1	0	0	0	2	0	2	0	4	0	2	1
5	2	3	1	0	3	0	2	1	2	2	3	0	2
6	0	3	2	2	0	0	2	0	4	3	4	1	2
7	0	2	7	5	3	1	0	0	0	3	0	2	2
8	3	1	1	2	2	2	0	0	3	2	2	2	2
9	1	0	3	3	2	2	3	0	2	0	1	3	2
10	2	1	1	0	2	1	2	2	2	0	1	2	1
11	2	2	0	0	2	2	1	2	3	1	1	2	2
12	0	2	1	0	1	0	0	1	0	0	2	1	1
13	2	2	3	2	2	3	0	1	1	3	3	0	2
14	0	0	3	2	4	4	1	0	2	0	4	3	2
15	3	2	3	2	2	0	2	1	0	1	0	0	1
16	2	0	0	3	0	4	1	2	2	2	1	0	1
17	0	2	1	2	0	2	0	4	0	2	0	1	1
18	1	2	3	3	3	0	2	1	2	0	0	2	2
19	0	2	3	6	1	5	2	0	2	2	3	0	2
20	1	0	2	2	3	2	2	2	2	0	0	2	2
21	4	1	5	2	0	3	0	0	2	1	2	2	2
22	2	3	4	2	2	2	0	2	0	0	2	0	2
23	1	2	0	0	0	2	0	1	1	2	0	0	1
24	2	1	0	4	0	0	1	0	0	2	2	1	1
25	0	0	2	2	2	2	1	0	0	0	3	2	1
26	4	2	3	3	0	2	0	2	1	0	2	2	2
27	0	2	2	0	2	1	0	1	3	1	1	0	1
28	2	0	0	1	0	1	0	2	1	2	0	0	1
29	1	2	4	2	2	0	2	3	2	0	3	0	2
30	2	0	0	2	1	0	0	0	2	4	0	2	1
31	0	0	2	0	1	2	1	1	0	2	4	2	1
MEAN	1	1	2	2	1	2	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - AUG 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	2	0	0	1	0	0	0	0	2	0
2	0	0	1	1	1	0	0	3	0	2	3	1	1
3	3	2	0	2	0	0	0	0	3	0	2	3	1
4	0	0	0	2	2	1	0	2	5	2	7	2	2
5	0	2	1	0	2	1	2	0	0	1	0	0	1
6	2	0	5	1	2	5	7	2	0	2	2	2	3
7	0	3	2	0	0	3	****	****	****	****	****	****	****
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14							- DATA INVALID -						
15							- DATA INVALID -						
16	****	****	****	****	****	****	- DATA INVALID -	0	2	0	2	3	****
17	0	2	2	2	3	3	3	0	2	2	0	5	2
18	2	4	1	2	0	2	2	2	1	0	1	4	2
19	4	1	2	2	0	2	2	6	1	0	2	2	2
20	3	3	1	1	4	3	2	4	1	3	0	2	2
21	2	1	3	2	1	1	0	2	3	2	0	2	2
22	1	2	2	0	3	0	0	0	1	0	2	0	1
23	0	2	0	6	0	1	0	1	1	0	1	3	1
24	4	1	2	3	7	2	2	3	2	0	2	3	3
25	3	7	5	2	6	3	2	4	1	1	3	3	3
26	0	5	9	3	4	2	4	0	1	2	4	0	3
27	3	2	3	4	0	4	2	5	2	2	3	0	3
28	0	2	1	0	1	5	0	0	1	2	0	2	1
29	5	0	0	0	2	0	1	2	0	2	0	0	1
30	4	0	4	1	2	2	2	0	0	4	0	0	2
31	4	1	2	3	0	2	3	0	0	2	0	2	2
MEAN	2	2	2	2	2	2	2	2	1	2	2	2	1.7

PERCENTAGE OF DATA VALID - 71.0

PERCENTAGE OF DATA INVALID - 58.1

PERCENTAGE OF DATA UNAVAILABLE --29.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - SEP 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	3	0	6	2	0	2	0	1	0	3	2
2	2	4	0	2	1	2	0	0	0	0	2	2	1
3	2	0	2	3	2	0	0	2	0	3	0	1	1
4	1	0	4	0	5	0	2	0	3	0	0	0	1
5	2	2	0	3	0	3	3	0	0	2	0	3	2
6	2	0	3	2	0	2	0	2	0	0	7	2	2
7	2	2	4	6	5	0	3	5	0	2	3	2	3
8	2	3	3	3	2	2	0	0	4	2	0	2	2
9	2	2	2	0	2	2	2	2	0	2	2	4	2
10	2	2	2	2	2	4	2	3	1	3	4	4	3
11	2	0	1	3	2	0	0	2	0	2	5	2	2
12	2	3	2	5	1	3	0	2	2	0	3	0	2
13	2	0	2	2	11	11	2	2	0	0	0	3	2
14	0	0	0	2	0	0	2	0	0	****	****	****	3
15							- DATA INVALID -						0
16							- DATA INVALID -						
17	****	****	****	4	5	****	0	0	0	0	3	0	2
18	3	3	0	2	4	3	2	2	2	3	2	4	3
19	1	2	2	0	0	0	0	0	0	3	0	0	1
20	1	0	2	2	2	0	0	3	0	2	2	0	1
21	0	0	1	0	0	0	0	0	1	2	2	3	1
22	1	0	0	4	2	5	0	0	2	1	0	2	1
23	2	0	0	0	2	2	0	2	0	2	0	0	1
24	3	1	2	0	1	2	2	2	2	2	0	0	1
25	2	1	3	0	2	1	0	1	3	0	0	0	1
26	0	0	3	0	0	3	0	2	0	0	1	2	1
27	0	3	2	2	1	0	0	4	1	2	2	0	1
28	2	4	3	0	2	2	0	2	0	3	0	4	2
29	3	1	2	3	3	1	2	2	0	2	1	2	2
30	1	2	3	2	3	4	2	1	1	2	4	2	2
MEAN	2	1	2	2	2	2	1	2	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 18.6

PERCENTAGE OF DATA UNAVAILABLE --10.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040

435 JAMES ST S THUNDER BAY

MONTH - OCT 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	2	3	6	2	0	1	0	3	3	0	4	3
2	2	2	2	2	2	2	3	0	1	5	4	4	2
3	3	2	4	0	0	0	1	2	2	0	0	2	1
4	4	2	3	2	4	4	1	3	2	0	0	0	2
5	2	1	2	4	5	0	2	2	1	0	0	0	2
6	0	1	0	4	1	2	0	0	0	2	2	0	1
7	1	2	2	0	5	0	2	0	2	0	2	4	2
8	1	2	4	11	9	0	2	0	1	2	0	2	3
9	3	1	2	3	2	0	6	2	1	1	3	2	2
10	0	1	1	1	1	2	0	0	0	1	0	1	1
11	2	1	2	0	3	0	4	0	2	3	2	1	2
12	3	3	1	3	1	2	0	2	2	2	1	2	2
13	0	2	2	2	1	2	0	1	0	0	2	1	1
14	1	0	4	2	13	1	2	1	1	1	3	0	2
15	2	0	4	2	4	0	0	0	0	2	0	1	1
16	3	0	1	4	2	0	0	1	0	0	0	0	1
17	2	3	0	2	0	0	1	2	1	0	0	2	1
18	1	2	2	6	****	****	****	****	****	****	****	****	****
19	****	****	****	****	1	4	2	2	0	3	2	2	2
20	2	1	2	10	4	2	2	1	2	6	1	2	3
21	2	1	0	2	0	3	0	3	0	2	2	0	1
22	0	1	1	2	2	0	0	2	1	0	1	1	1
23	3	2	1	1	0	2	1	2	2	3	3	4	2
24	5	2	4	2	0	2	0	1	3	3	1	3	2
25	0	0	1	2	0	1	2	0	2	0	2	3	1
26	0	2	2	2	2	1	1	0	1	0	0	0	1
27	2	0	1	3	4	3	2	1	0	1	1	2	2
28	1	2	0	0	0	2	3	1	1	2	0	0	1
29	3	2	4	6	7	2	2	1	3	2	1	4	3
30	0	2	0	2	1	0	0	0	0	4	2	2	1
31	3	0	2	0	2	2	0	0	2	3	4	3	2
MEAN	2	1	2	3	3	1	1	1	1	2	1	2	1.7

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040

435 JAMES ST S THUNDER BAY

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	3	3	2	3	2	2	0	2	0	2	2
2	4	1	2	2	1	4	0	2	2	2	0	2	2
3	0	0	2	2	1	0	0	2	2	0	3	1	1
4	2	1	2	2	0	2	0	2	2	1	4	2	2
5	1	2	0	2	2	2	0	2	1	2	0	2	1
6	2	4	0	1	0	0	0	1	0	2	2	0	1
7	0	0	0	0	0	0	1	0	0	1	0	3	0
8	2	2	2	1	5	3	4	1	0	2	1	2	2
9	3	3	2	2	5	2	2	2	0	1	0	0	2
10	0	4	0	2	0	0	0	****	2	2	0	3	1
11	2	1	0	2	0	0	1	2	4	0	2	2	1
12	0	1	2	2	0	2	0	3	1	0	1	2	1
13	1	2	0	2	2	1	2	1	0	0	2	0	1
14	0	0	1	3	1	1	2	2	2	4	2	3	2
15	3	2	2	0	3	2	1	2	1	2	2	3	2
16	2	2	1	3	5	4	2	2	3	2	2	3	3
17	4	3	4	2	5	2	3	1	2	2	0	0	2
18	2	0	2	2	6	6	0	2	4	1	2	0	2
19	2	2	2	2	3	2	0	1	1	0	1	3	2
20	0	0	0	1	0	2	0	1	0	2	0	2	1
21	1	0	0	0	2	2	1	0	0	1	0	2	1
22	0	2	0	0	0	1	4	0	2	1	0	0	1
23	2	1	0	0	0	2	0	0	0	0	0	2	1
24	1	2	0	5	1	2	6	2	0	1	4	4	2
25	0	1	3	1	6	10	6	8	2	6	0	3	4
26	0	2	2	2	4	3	0	2	2	0	1	2	2
27	2	0	0	2	2	1	1	1	1	2	0	0	1
28	1	0	0	3	0	1	3	0	0	1	0	0	1
29	0	1	0	3	0	1	0	2	1	0	0	2	1
30	2	2	2	2	2	1	2	1	0	1	2	0	1
MEAN	1	1	1	2	2	2	1	2	1	1	1	2	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NW NO 63040

435 JAMES ST S THUNDER BAY

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	2	1	2	1	1	1	1	0	3	1
2	2	2	1	0	2	0	1	2	1	3	1	5	2
3	1	6	2	4	1	2	7	3	1	3	1	2	3
4	0	0	2	0	2	3	2	5	0	4	0	0	2
5	0	0	0	2	0	0	0	1	3	4	2	4	1
6	2	4	0	2	0	2	3	1	1	2	2	2	2
7	1	2	1	3	1	2	2	1	2	2	2	2	2
8	1	0	3	4	2	2	2	0	3	1	5	3	2
9	3	2	1	2	2	3	4	1	3	4	0	0	2
10	4	2	2	0	1	2	0	2	3	0	1	0	1
11	2	2	1	0	0	3	0	2	1	0	2	0	1
12	1	1	1	1	2	0	0	2	2	1	0	1	1
13	2	3	1	1	5	4	3	6	10	4	2	4	4
14	3	2	2	1	3	1	....	....	....	....	....	....	....
15	....	....	....	....	....	....	- DATA INVALID -						
16	....	....	....	....	....	....	0	9	1	3	1	1	....
17	2	0	0	1	2	2	2	2	6	2	2	3	2
18	2	0	2	0	4	0	2	3	4	7	1	0	2
19	2	3	1	2	3	0	2	1	3	0	2	0	2
20	2	0	1	0	0	0	2	0	1	2	3	0	1
21	1	2	1	2	2	0	3	2	2	2	3	3	2
22	1	2	1	3	0	2	2	1	0	0	4	0	1
23	0	0	1	2	0	0	0	0	2	6	4	7	2
24	2	0	2	1	2	3	2	2	0	0	2	2	2
25	1	0	1	1	0	1	4	0	1	4	0	2	1
26	3	1	2	0	1	2	0	1	2	2	2	2	2
27	3	2	4	2	1	0	4	0	1	0	0	2	2
28	0	1	0	1	0	0	2	0	2	2	0	0	1
29	0	2	2	2	0	2	2	0	0	0	2	2	1
30	2	2	0	2	1	3	4	0	2	0	3	0	2
31	2	0	1	1	1	2	0	2	1	0	0	0	1
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 12.9

PERCENTAGE OF DATA UNAVAILABLE - -6.5

NOTES 1. "...." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "....." INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	9	2.6	4	19
MAR	31	2.0	5	22
APR	30	1.5	3	9
MAY	28	1.5	3	7
JUN	30	1.6	3	8
JUL	31	1.4	2	7
AUG	21	1.7	3	9
SEP	28	1.6	3	11
OCT	30	1.7	3	13
NOV	30	1.5	4	10
DEC	28	1.6	4	10
YEAR	296	1.7	5	22

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	89	23	1	1	0	0	0	114
MAR	319	43	2	0	1	0	0	365
APR	349	10	0	0	0	0	0	359
MAY	327	11	0	0	0	0	0	338
JUN	345	14	0	0	0	0	0	359
JUL	366	6	0	0	0	0	0	372
AUG	247	17	0	0	0	0	0	264
SEP	316	11	2	0	0	0	0	329
OCT	345	13	2	0	0	0	0	360
NOV	346	13	0	0	0	0	0	359
DEC	335	13	0	0	0	0	0	348
YEAR	3384	174	7	1	1	0	0	3567

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
88.7	0	0.0	0.0	1.1	1.7	3.0	4.1	5.6	6.7	22		1.7

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71049

LAND REGISTRY OFFICE SAULT STE MARIE

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7	-	-	-	-	-	-	-	-	0	0	3	6	*****
8	5	5	9	9	2	0	3	5	2	3	0	6	4
9	4	10	2	3	2	0	1	3	1	2	3	2	3
10	3	1	7	3	2	6	1	0	1	0	3	1	2
11	0	2	0	2	2	1	0	2	1	9	7	10	3
12	11	5	4	0	3	0	4	4	12	4	6	2	5
13	4	3	2	9	1	8	8	6	2	3	2	4	4
14	0	0	3	6	7	10	2	1	2	3	2	0	3
15	0	2	1	2	2	4	1	2	2	4	1	2	2
16	1	2	3	2	6	2	0	0	6	0	2	2	2
17	2	2	1	4	6	3	****	-	-	-	-	-	*****
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
MEAN	3	3	3	4	3	3	2	3	3	3	3	4	3.1

PERCENTAGE OF DATA VALID - 32.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 66.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71049

LAND REGISTRY OFFICE SAULT STE MARIE

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27	-	-	-	-	4	3	0	0	2	2	2	3	2
28	2	0	2	2	0	3	0	5	0	2	4	2	2
29	3	0	4	2	3	2	3	1	3	2	5	2	3
30	0	0	0	0	0	2	3	0	0	2	2	1	1
31	3	3	2	4	5	0	5	2	0	0	2	0	2
MEAN	2	1	2	2	2	2	2	2	1	2	3	2	1.9

PERCENTAGE OF DATA VALID - 15.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 84.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71049		LAND REGISTRY OFFICE				SAULT STE MARIE			MONTH - AUG 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	2	0	2	0	2	4	0	1	2	0	2
2	3	2	5	5	4	2	3	2	2	4	0	3	3
3	3	0	5	0	2	2	2	0	-	-	-	-	2
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19	-	-	-	-	-	-	0	0	0	4	2	0	*****
20	2	0	5	7	2	5	2	2	3	2	2	8	3
21	0	2	3	0	1	3	2	0	3	0	3	3	2
22	2	2	2	3	7	1	3	0	2	2	2	1	2
23	2	0	5	0	0	1	2	0	0	0	3	0	1
24	1	2	2	1	4	0	0	0	2	0	0	2	1
25	0	3	1	0	2	1	3	0	0	0	2	2	1
26	0	0	2	6	0	2	4	3	0	0	3	3	2
27	2	2	1	3	6	4	4	0	0	9	0	-	3
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	2	1	3	2	3	2	2	1	1	2	2	2	1.9

PERCENTAGE OF DATA VALID - 35.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 64.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

		STATION - NE NO 71049			LAND REGISTRY OFFICE			SAULT STE MARIE			MONTH - SEP 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8	-	-	-	-	-	-	-	0	0	4	1	3	*****	
9	1	2	2	2	1	2	6	4	0	1	3	2	2	
10	2	2	3	2	4	1	0	1	2	3	0	2	2	
11	0	1	3	4	1	2	2	2	0	0	2	5	2	
12	3	2	0	3	0	2	2	0	0	1	4	0	1	
13	0	1	2	2	4	2	2	2	2	0	2	0	2	
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
MEAN	1	2	2	3	2	2	2	2	1	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 18.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 81.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 71049				LAND REGISTRY OFFICE SAULT STE MARIE				MONTH - OCT 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5	5	4	5	2	4	0	2	2	5	0	0	1	1
6	3	1	2	5	2	4	1	0	4	1	2	0	3
7	0	0	0	2	1	2	4	0	2	3	3	2	2
8	3	1	0	5	2	0	4	2	1	0	3	2	2
9	3	3	1	0	3	0	4	0	2	0	0	2	2
10	1	2	0	4	0	2	1	3	2	4	3	2	2
11	1	0	4	0	1	0	2	1	1	2	0	0	1
12	2	3	2	3	1	0	3	2	4	2	2	2	2
13	2	2	6	2	2	3	1	2	4	2	2	5	3
14	0	0	0	6	4	3	1	0	0	0	0	0	1
15	0	0	3	5	3	6	3	4	1	2	2	5	3
16	6	1	0	1	2	1	4	0	2	1	3	4	2
17	3	2	3	0	4	1	4	0	3	0	0	2	2
18	3	2	0	0	0	2	2	2	5	3	4	0	2
19	2	2	1	2	2	1	0	2	0	6	2	0	2
20	0	1	3	0	4	2	0	0	4	3	4	1	2
21	2	2	2	5	2	2	0	2	2	0	3	2	2
22	2	4	3	5	5	6	1	1	0	5	4	4	3
23	1	3	0	2	2	2	4	4	2	5	2	5	3
24	5	2	2	3	1	6	1	4	1	0	0	0	2
25	3	3	4	2	1	1	2	1	2	2	1	0	2
26	2	2	3	5	1	0	0	2	2	2	2	1	2
27	1	0	2	3	6	0	3	2	0	3	2	0	2
28	1	0	3	3	2	1	3	2	0	2	3	0	2
29	0	0	0	0	2	2	2	1	0	2	4	3	1
30	6	3	2	2	0	7	3	4	0	0	5	0	3
31	0	2	2	0	0	0	4	0	2	0	3	4	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 10.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 71049				LAND REGISTRY OFFICE SAULT STE MARIE				MONTH - NOV 76					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	1	2	2	2	****	3	0	2	1	2
2	2	2	2	1	2	2	0	4	5	4	7	0	3
3	2	2	1	2	2	0	0	4	2	1	2	1	2
4	0	0	1	4	2	0	****	0	3	3	4	4	2
5	0	0	1	2	2	2	0	0	0	0	1	6	1
6	2	0	2	0	2	4	3	1	4	2	1	4	2
7	0	0	0	0	0	3	2	2	0	0	2	2	1
8	0	2	2	2	0	4	1	4	2	2	2	0	2
9	2	0	0	2	3	1	3	4	4	5	1	2	2
10	0	2	2	****	****	0	0	1	0	2	3	0	1
11	1	0	3	3	3	1	2	0	3	1	2	4	2
12	0	0	0	7	4	4	0	2	2	2	0	6	2
13	5	6	4	5	4	2	3	0	0	0	4	0	3
14	2	0	1	0	2	2	0	2	0	0	0	5	1
15	2	3	1	2	2	2	2	2	2	2	2	2	2
16	4	3	0	3	0	2	2	2	4	0	2	2	2
17	2	2	2	4	1	0	4	4	5	1	2	2	2
18	0	2	2	5	2	2	0	0	2	2	3	0	2
19	2	1	2	6	3	2	0	2	4	2	****	-	2
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23		-	-	-	-	-	0	1	2	3	2	0	*****
24	3	0	0	1	1	2	0	1	0	1	3	2	1
25	1	0	0	0	3	5	0	1	2	1	2	0	1
26	1	2	1	2	2	2	0	0	2	2	1	1	1
27	1	4	5	5	2	2	0	0	2	0	2	1	2
28	1	0	2	0	1	0	1	2	2	0	1	1	1
29	0	2	2	0	2	0	0	1	1	0	1	2	1
30	0	1	3	4	3	1	0	2	7	3	0	2	2
MEAN	1	1	2	2	2	2	1	2	2	1	2	2	1.7

PERCENTAGE OF DATA VALID - 86.7

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 11.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71049		LAND REGISTRY OFFICE SAULT STE MARIE						MONTH - DEC 76					MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	2	2	2	0	1	0	2	3	0	1	1	1
2	1	0	0	3	2	2	1	1	3	0	1	14	2
3	1	4	2	2	3	0	3	1	2	2	1	1	2
4	0	2	2	1	0	0	2	2	3	2	2	2	2
5	2	0	1	1	3	0	2	3	2	2	2	0	2
6	2	2	1	3	0	0	1	0	5	1	0	5	2
7	3	2	2	2	1	0	0	0	2	2	0	2	1
8	0	2	1	1	2	2	4	0	2	3	2	2	2
9	3	4	6	0	0	2	0	1	2	1	2	4	2
10	2	5	4	0	2	4	0	2	2	0	0	1	2
11	0	2	0	2	0	0	2	2	2	3	1	1	1
12	1	2	0	4	0	2	2	0	3	2	9	1	2
13	1	3	4	2	1	0	0	4	2	2	0	1	2
14	0	2	2	2	0	7	1	0	4	2	1	3	2
15	0	1	2	0	4	0	2	0	0	4	0	***	1
16	***	***	***	***	***	0	0	5	2	2	0	0	*****
17	2	0	2	2	2	1	0	2	2	3	4	2	2
18	4	0	2	2	0	2	1	2	0	2	2	6	2
19	0	2	0	0	2	2	0	1	3	1	3	2	1
20	0	3	0	2	1	1	2	0	2	2	0	2	1
21	2	0	2	0	2	3	0	1	3	2	0	2	1
22	1	2	2	3	0	2	3	1	0	4	0	1	2
23	4	0	0	2	0	2	0	2	2	2	0	0	1
24	0	3	0	2	2	2	0	4	2	2	2	1	2
25	0	1	1	2	0	1	2	1	2	0	0	0	1
26	1	2	2	1	2	2	0	0	3	2	2	2	2
27	1	0	2	0	3	1	1	2	0	2	4	4	2
28	2	1	2	1	2	1	2	1	0	2	0	3	1
29	0	6	1	4	6	7	4	2	0	2	2	4	3
30	0	2	4	2	0	1	2	3	0	0	5	1	2
31	0	2	1	2	3	0	1	2	1	0	2	0	1
MEAN	1	2	2	2	1	2	1	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 71049

LAND REGISTRY OFFICE SAULT STE MARIE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA UNAVAILABLE	
FEB			DATA UNAVAILABLE	
MAR			DATA UNAVAILABLE	
APR	9	3.1	5	12
MAY			DATA UNAVAILABLE	
JUN			DATA UNAVAILABLE	
JUL	5	1.9	3	5
AUG	11	1.9	3	9
SEP	5	1.8	2	6
OCT	28	2.0	3	7
NOV	26	1.7	3	7
DEC	30	1.6	3	14
YEAR	114	1.9	5	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 71049

LAND REGISTRY OFFICE SAULT STE MARIE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA UNAVAILABLE						
FEB		DATA UNAVAILABLE						
MAR		DATA UNAVAILABLE						
APR	91	25	2	0	0	0	0	118
MAY		DATA UNAVAILABLE						
JUN		DATA UNAVAILABLE						
JUL	52	4	0	0	0	0	0	56
AUG	120	13	0	0	0	0	0	133
SEP	63	2	0	0	0	0	0	65
OCT	304	28	0	0	0	0	0	332
NOV	295	17	0	0	0	0	0	312
DEC	353	12	1	0	0	0	0	366
YEAR	1278	101	3	0	0	0	0	1382

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
53.8	0	0.0	0.2	1.3	1.9	3.7	4.7	5.9	7.4	14	1.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 75020      TEACHERS COLLEGE 1ST AVE      NORTH BAY      MONTH - JAN 76													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	-	-	-	-	-	-	-	-	-	-	-	*****
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7	-	-	-	-	-	****	0	1	2	2	9	12	*****
8	0	8	0	4	6	0	6	0	2	2	5	11	4
9	11	7	2	2	9	1	3	2	7	2	3	8	5
10	5	5	2	2	0	2	5	3	4	13	11	4	5
11	0	0	2	2	2	0	2	3	3	5	0	1	2
12	0	3	2	5	9	5	4	2	6	2	0	8	4
13	0	5	2	5	3	2	9	2	9	0	5	0	4
14	0	7	0	5	0	5	0	2	2	5	2	3	3
15	0	0	3	1	7	0	3	0	6	3	2	5	3
16	0	3	0	3	0	2	0	5	0	2	0	4	2
17	0	0	3	2	11	0	11	2	2	0	2	2	3
18	9	3	9	0	8	2	6	0	5	4	13	0	5
19	0	2	2	0	3	1	15	0	3	2	11	0	3
20	5	2	9	2	3	3	3	5	2	3	1	0	3
21	0	6	2	1	4	3	4	3	2	2	3	2	3
22	2	2	0	3	2	0	7	2	0	2	2	4	2
23	2	2	2	5	2	4	4	3	3	7	3	3	3
24	0	7	5	2	3	2	3	0	5	9	3	5	4
25	2	0	2	0	4	2	4	0	0	2	0	2	2
26	2	0	5	2	4	0	3	2	2	0	1	3	2
27	0	9	2	7	7	3	4	0	9	13	5	3	5
28	0	3	2	3	7	0	3	2	0	7	0	1	2
29	0	2	2	4	1	0	0	3	0	6	2	2	2
30	0	0	9	0	2	0	0	0	5	9	11	13	4
31	3	3	2	0	3	2	2	1	2	2	0	3	2
MEAN	2	3	3	3	4	2	4	2	3	4	4	4	3.1

PERCENTAGE OF DATA VALID - 79.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 20.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 75020      TEACHERS COLLEGE 1ST AVE      NORTH BAY      MONTH - FEB 76													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	7	0	1	2	2	0	2	1	0	1
2	3	2	4	3	2	2	0	0	0	4	2	2	2
3	0	6	0	1	0	0	3	0	2	0	5	3	2
4	0	0	0	3	2	0	0	0	4	3	5	6	2
5	2	3	2	0	3	2	0	2	3	3	6	5	3
6	5	6	2	7	10	0	3	2	3	2	0	1	3
7	0	3	4	6	7	6	5	0	3	2	2	0	3
8	0	2	3	0	0	2	0	0	0	0	0	2	1
9	4	6	8	0	2	2	1	3	3	0	3	0	3
10	2	7	3	7	3	2	1	7	5	4	0	3	4
11	0	3	0	3	0	2	2	2	0	2	3	2	2
12	3	4	4	0	2	****	-	-	-	-	-	-	*****
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
MEAN	2	4	3	3	3	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 39.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 60.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 75020				TEACHERS COLLEGE 1ST AVE			NORTH BAY		MONTH - MAR 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23	-	-	-	-	-	5	3	3	5	1	1	1	*****
24	0	1	0	0	1	3	0	1	3	1	0	9	2
25	0	1	3	3	1	0	0	0	1	0	3	3	1
26	0	3	1	3	5	5	0	5	1	1	0	1	2
27	0	1	0	1	0	0	0	0	0	5	0	1	1
28	0	0	1	0	0	0	0	0	1	0	0	0	0
29	0	1	1	1	1	3	0	5	3	1	1	0	1
30	0	3	1	5	0	0	0	1	5	3	7	3	2
31	0	1	0	0	5	7	0	1	7	1	0	3	2
MEAN	0	1	1	2	2	2	0	2	3	1	1	2	1.5

PERCENTAGE OF DATA VALID - 27.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 72.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 75020			TEACHERS COLLEGE 1ST AVE				NORTH BAY		MONTH - APR 76				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	0	0	1	5	3	1	
2	0	1	3	0	0	5	0	0	1	1	0	1	
3	0	1	0	0	0	3	0	0	5	3	3	0	
4							- DATA UNAVAILABLE -						
5	0	1	5	1	0	0	0	3	1	1	0	3	
6	0	5	1	3	0	1	0	7	0	3	3	1	
7	0	0	0	0	0	1	0	0	1	0	1	0	
8	0	1	0	0	0	1	0	1	0	1	3	5	
9	0	6	1	1	0	0	0	3	1	0	1	1	
10	0	0	1	3	0	0	0	1	1	0	0	0	
11	0	3	5	5	5	0	0	1	0	0	3	0	
12	0	3	5	3	5	3	0	0	5	0	3	0	
13	0	1	1	3	0	0	0	0	5	0	3	0	
14	0	7	3	1	0	1	0	1	5	3	7	7	
15	0	3	1	1	0	1	0	0	3	5	9	7	
16	0	5	0	3	3	3	0	1	1	8	1	5	
17	0	5	1	1	0	1	0	7	1	1	3	3	
18	0	7	0	1	3	0	0	0	3	3	9	5	
19	0	5	1	3	0	5	0	1	3	0	3	9	
20	0	3	3	1	0	0	0	0	3	0	1	8	
21	0	0	5	0	1	1	0	0	0	3	0	5	
22	0	1	5	2	0	1	0	1	5	0	0	0	
23	0	0	1	1	0	0	0	0	1	0	0	1	
24	0	3	5	1	1	3	0	0	3	0	1	1	
25	0	7	0	0	0	1	0	1	0	0	5	0	
26	0	3	0	3	0	5	0	1	5	0	3	5	
27	0	0	1	0	0	2	0	1	0	3	0	2	
28	0	0	1	0	0	0	0	2	2	3	2	5	
29	0	3	3	0	0	2	0	0	2	3	0	2	
30	0	5	5	0	1	0	0	0	3	0	0	1	
MEAN	0	3	2	1	1	1	0	1	2	2	2	3	1.5

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - NE NO 75020			TEACHERS COLLEGE 1ST AVE			NORTH BAY			MONTH - MAY 76			MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	1	7	0	0	1	0	7	1	3	0	5	2
2	0	0	3	2	3	0	0	3	0	1	1	0	1
3	0	0	0	0	0	0	0	0	3	3	5	2	1
4	0	3	5	1	5	5	0	7	1	2	0	0	2
5	0	7	0	5	5	5	2	0	2	5	0	2	3
6	0	0	0	2	2	0	0	3	2	0	1	2	1
7	0	6	2	2	1	3	0	3	3	0	2	0	2
8	0	0	0	0	0	2	0	3	1	0	4	2	1
9	0	5	2	0	2	5	0	4	0	3	0	2	2
10	0	0	6	0	0	3	0	7	0	0	0	4	2
11	0	0	0	0	0	0	0	2	2	0	0	0	0
12	0	2	3	2	0	4	0	2	0	2	3	0	2
13	0	3	0	1	2	2	0	0	2	4	2	7	2
14	0	0	1	2	0	4	2	0	0	1	3	0	1
15	0	5	2	5	0	2	0	0	0	1	5	0	2
16	0	0	7	0	2	2	0	3	0	1	0	0	1
17	0	0	2	0	0	1	0	0	0	2	2	0	1
18	0	4	5	3	0	0	0	0	6	0	9	3	3
19	0	5	0	0	0	0	0	7	0	0	2	0	1
20	0	2	0	0	0	0	0	2	0	3	0	2	1
21	0	0	0	0	5	0	0	0	0	3	1	0	1
22	0	3	0	2	2	0	0	3	0	0	0	2	1
23	0	1	0	2	3	1	4	2	1	6	0	3	2
24	0	3	0	2	2	0	0	2	0	0	0	0	1
25	0	2	2	3	2	5	0	0	0	2	0	0	1
26	0	3	0	3	0	5	0	2	3	2	0	4	2
27	0	0	1	2	3	0	0	0	2	3	0	4	1
28	0	9	0	5	1	2	0	3	3	3	4	2	3
29	0	4	0	0	5	2	0	8	0	0	0	3	2
30	0	6	2	6	2	5	0	9	0	0	2	6	3
31	0	2	3	6	0	0	0	3	2	3	3	3	2
MEAN	0	2	2	2	2	2	0	3	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - NE NO 75020			TEACHERS COLLEGE 1ST AVE			NORTH BAY			MONTH - JUN 76			MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	2	2	1	0	0	0	5	0	6	3	2
2	0	2	4	3	0	2	0	3	5	0	2	0	2
3	0	6	0	6	5	2	0	3	0	2	2	2	2
4	0	2	2	0	3	0	0	0	5	0	2	4	2
5	0	1	0	2	0	2	0	2	3	0	0	5	1
6	0	4	0	0	0	0	0	0	0	0	0	3	1
7	0	0	9	3	5	0	0	3	0	3	0	2	2
8	0	5	2	3	0	0	0	0	2	0	5	0	1
9	0	2	3	0	2	0	2	5	2	2	0	2	2
10	0	2	3	0	2	2	1	5	0	2	5	2	2
11	0	7	3	2	3	0	0	4	0	0	8	3	3
12	0	8	0	5	0	0	0	0	0	2	0	0	1
13	0	2	5	0	0	4	0	0	0	3	5	2	2
14	0	6	0	5	2	0	0	5	0	3	5	0	2
15	0	0	0	3	0	****	0	2	7	0	1	3	1
16	1	0	0	1	0	0	2	1	0	3	2	0	1
17	0	1	0	2	2	1	0	2	4	0	3	2	1
18	1	1	1	0	1	1	2	2	1	1	7	2	2
19	0	3	4	3	1	2	1	2	2	1	2	0	2
20	2	1	2	0	3	0	0	0	0	0	0	1	1
21	0	2	3	2	0	0	0	1	1	0	0	5	1
22	1	1	2	0	2	1	3	0	2	3	3	4	2
23	0	7	3	3	0	2	2	0	0	2	3	4	2
24	0	2	0	0	2	2	3	3	2	0	0	3	1
25	0	1	2	0	0	0	0	5	0	0	0	1	1
26	0	0	3	1	3	0	0	1	1	0	0	1	1
27	2	3	5	6	2	0	1	0	0	1	2	0	2
28	0	0	4	1	2	0	0	4	1	2	6	0	2
29	0	4	0	2	0	2	0	0	2	3	1	2	1
30	1	1	6	2	3	0	1	0	0	1	2	1	2
MEAN	0	2	2	2	2	1	1	2	2	1	2	2	1.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 CONS/1000 FT			
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY										MONTH - JUL 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	0	0	4	5	0	0	2	0	2	2
2	1	1	2	0	2	2	2	2	2	2	0	0	1
3	0	2	0	0	1	1	1	2	6	2	2	1	2
4	0	0	2	3	5	2	2	5	0	0	1	0	2
5	1	2	2	3	2	2	3	2	0	2	3	2	2
6	2	2	5	4	0	0	1	0	1	4	2	1	2
7	0	5	0	0	2	1	3	3	0	1	2	3	2
8	1	3	3	4	5	4	0	2	3	2	2	2	3
9	0	2	3	0	1	2	2	3	1	1	1	2	2
10	0	2	1	1	2	0	3	0	3	5	2	4	2
11	3	4	2	5	2	3	6	2	3	2	0	2	3
12	3	2	0	2	2	0	0	0	0	0	0	0	1
13	0	2	5	3	3	2	0	6	0	4	1	5	3
14	0	2	0	1	0	0	0	6	0	2	0	6	1
15	0	6	3	3	0	3	2	5	5	2	4	0	3
16	1	4	0	0	0	1	1	0	0	2	2	3	1
17	0	2	0	0	2	1	0	3	3	4	2	0	1
18	0	2	0	0	0	2	0	5	0	1	2	0	1
19	0	1	0	3	0	3	0	7	0	1	0	0	1
20	0	6	5	5	4	0	0	0	4	0	2	2	2
21	2	0	0	2	2	2	1	1	0	2	2	4	2
22	0	2	2	1	0	2	0	2	0	3	0	0	1
23	0	3	1	2	0	4	2	6	3	1	2	2	2
24	2	0	2	0	0	0	1	1	2	1	0	0	1
25	0	3	0	2	2	0	2	0	3	2	1	2	1
26	0	0	2	2	5	2	3	2	4	0	0	2	2
27	2	1	2	0	2	0	0	4	1	5	0	2	2
28	3	4	8	0	0	0	2	0	0	0	0	3	2
29	0	0	0	2	0	2	0	2	4	0	1	2	1
30	0	5	2	2	4	2	2	2	0	2	2	5	2
31	5	2	4	2	3	3	2	2	0	3	0	5	3
MEAN	1	2	2	2	2	2	1	2	2	2	1	2	1.7

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 CONS/1000 FT			
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY										MONTH - AUG 76			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	2	0	3	2	2	7	0	0	2
2	2	0	3	0	0	1	4	3	0	0	8	3	2
3	0	0	0	0	0	0	0	1	2	7	0	1	1
4	2	2	2	5	0	0	3	2	0	2	0	3	2
5	2	2	0	2	3	1	0	2	3	0	3	2	2
6	2	0	0	1	0	2	0	0	0	0	0	0	0
7	0	0	0	2	0	0	3	0	3	2	3	0	1
8	6	0	0	0	5	0	2	1	4	0	0	2	2
9	0	5	3	4	0	6	0	2	2	2	0	2	2
10	0	5	2	5	2	3	1	0	0	0	1	0	2
11	0	3	3	5	0	3	0	4	2	2	4	6	3
12	0	2	3	1	0	0	0	1	4	3	6	5	3
13	2	0	5	0	0	0	5	0	1	2	3	2	2
14	0	2	0	0	2	0	0	0	0	2	0	7	1
15	3	0	0	0	0	5	11	0	0	0	0	0	2
16	1	0	0	4	0	2	0	3	0	2	3	0	1
17	6	3	0	3	2	2	0	2	0	3	3	3	2
18	2	5	2	1	5	0	1	2	2	2	2	0	2
19	3	0	0	4	2	0	2	0	2	2	0	0	1
20	0	2	5	2	5	3	3	0	3	3	2	0	2
21	0	2	0	2	3	2	0	7	0	0	3	1	2
22	0	8	3	0	0	2	0	0	0	5	5	0	2
23	0	2	0	2	0	3	6	0	0	2	0	3	2
24	0	2	0	1	1	0	2	0	0	0	2	0	1
25	2	2	3	2	0	3	0	0	2	1	0	0	1
26	0	5	6	2	2	1	7	3	2	0	2	0	3
27	0	2	0	0	4	2	1	3	2	0	3	3	2
28	2	0	2	2	2	0	2	3	0	5	0	0	2
29	0	0	2	0	0	0	3	0	0	0	0	0	0
30	0	3	3	0	2	0	0	2	2	0	8	0	2
31	0	2	2	2	2	0	0	1	2	0	0	0	1
MEAN	1	2	2	2	1	1	2	1	1	2	2	1	1.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 75020      TEACHERS COLLEGE 1ST AVE      NORTH BAY													MONTH - SEP 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	0	1	0	2	2	2	1	2	0	1
2	2	0	4	8	0	0	3	0	3	2	0	5	2
3	0	2	0	3	0	0	0	0	0	4	0	0	1
4	2	0	0	0	2	0	5	0	3	0	2	3	1
5	2	2	0	0	4	1	2	0	6	0	3	1	2
6	0	0	0	2	0	0	4	1	0	3	0	2	1
7	0	5	3	0	0	2	2	0	1	0	8	4	2
8	0	2	1	0	2	3	3	2	2	0	2	0	1
9	1	2	2	0	2	0	0	2	0	2	0	2	1
10	0	0	0	1	0	3	2	1	1	1	1	3	1
11	0	6	2	0	7	3	4	1	0	4	2	2	3
12	0	0	1	2	0	0	1	0	2	2	0	7	1
13	0	2	0	6	2	0	4	1	0	1	****	-	2
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22	-	-	-	-	-	-	0	7	6	7	9	1	*****
23	0	3	2	3	3	0	0	0	0	3	2	4	2
24	1	0	2	2	2	2	0	3	2	3	0	0	1
25	0	4	0	1	1	0	0	0	1	2	2	2	1
26	0	2	0	2	3	0	1	0	0	2	1	0	1
27	0	4	0	0	2	0	1	2	2	0	1	0	1
28	2	6	8	2	3	2	0	2	2	2	2	2	3
29	3	5	0	2	2	1	0	1	1	2	2	0	2
30	3	3	1	0	1	0	0	0	3	4	9	3	2
MEAN	1	2	1	2	2	1	2	1	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 71.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 28.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 75020      TEACHERS COLLEGE 1ST AVE      NORTH BAY													MONTH - OCT 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	1	4	1	0	2	5	3	9	9	7	4
2	3	6	8	6	1	4	5	2	7	9	3	4	5
3	2	4	0	2	4	0	2	2	0	4	2	0	2
4	0	2	2	3	0	0	0	2	1	2	8	5	2
5	3	3	3	0	0	0	2	5	3	3	1	3	2
6	0	0	2	7	2	3	2	0	2	1	0	2	2
7	0	2	0	0	3	1	0	0	3	2	8	2	2
8	0	2	2	3	0	0	2	2	0	0	0	2	1
9	0	3	0	2	3	1	2	0	0	4	0	0	1
10	0	0	0	5	1	0	0	2	0	2	2	1	1
11	1	1	5	2	3	3	0	2	4	1	3	7	3
12	0	4	2	0	3	4	5	9	5	3	4	2	3
13	3	4	7	3	2	0	2	2	0	2	0	3	2
14	0	1	3	0	2	1	0	5	3	9	9	0	3
15	0	4	0	1	5	2	2	1	0	2	0	2	2
16	0	0	0	1	4	0	2	0	1	0	2	0	1
17	1	4	2	1	5	1	0	2	0	2	2	0	2
18	1	0	1	0	1	0	2	0	0	1	4	3	1
19	0	0	5	3	1	1	1	2	0	2	1	3	2
20	0	2	0	7	0	1	3	3	1	0	0	0	1
21	0	3	0	0	2	0	2	0	4	0	1	2	1
22	0	2	0	0	1	0	5	0	3	0	0	2	1
23	0	0	5	0	2	0	1	1	3	7	9	-	3
24							- DATA UNAVAILABLE -						
25	-	-	-	-	-	-	-	-	1	2	2	2	*****
26	0	3	2	1	5	0	0	1	1	2	0	1	1
27	0	1	2	2	0	0	1	2	5	2	1	0	1
28	0	0	4	1	1	0	0	2	1	1	2	2	1
29	1	3	4	1	0	1	2	2	7	2	0	2	2
30	0	2	4	3	2	0	2	5	4	2	2	2	2
31	0	2	3	0	0	2	2	1	1	0	1	3	1
MEAN	1	2	2	2	2	1	2	2	2	3	3	2	1.9

PERCENTAGE OF DATA VALID - 94.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 5.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - NOV 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	4	2	1	****	2	2	2	3	3	5	2	3
2	6	2	5	2	0	2	0	2	2	3	2	0	2
3	1	9	10	1	1	1	2	3	4	0	0	0	3
4	1	3	2	6	1	0	3	4	2	2	0	2	2
5	2	3	0	2	0	0	3	3	0	0	0	0	1
6	0	3	2	2	0	0	2	4	2	0	1	0	1
7	0	3	0	2	0	1	2	4	0	0	0	2	1
8	0	2	0	2	0	2	2	3	3	2	3	1	2
9	2	5	3	0	0	0	2	6	1	2	2	1	2
10	0	4	2	2	0	2	1	2	2	4	1	3	2
11	2	4	0	1	2	0	2	2	2	3	0	2	2
12	2	6	4	2	0	0	2	2	5	2	1	0	2
13	0	1	2	5	0	0	0	3	3	2	0	0	1
14	0	2	4	0	0	0	1	5	4	3	0	0	2
15	0	1	5	3	4	1	2	4	4	3	1	0	2
16	1	0	2	4	2	1	1	2	4	2	3	0	2
17	0	4	2	2	2	6	2	4	5	6	5	2	3
18	0	5	2	3	4	2	0	2	3	4	2	0	2
19	0	1	0	2	3	3	0	1	2	3	5	0	2
20	1	2	0	2	2	0	1	2	2	2	2	2	2
21	1	0	1	3	3	3	3	0	0	2	2	1	2
22	0	0	0	2	2	2	0	0	0	0	2	3	1
23	0	0	0	0	3	5	5	5	0	1	2	4	2
24	0	2	0	0	0	1	2	5	2	1	1	2	1
25	1	2	0	2	5	0	2	1	2	0	0	3	2
26	2	2	3	1	1	5	14	5	5	3	0	2	4
27	3	5	4	0	2	3	2	3	1	2	0	0	2
28	1	1	3	3	3	0	2	2	2	2	2	0	2
29	0	2	2	3	1	0	0	2	2	2	2	5	2
30	2	4	3	3	0	1	0	2	2	5	7	5	3
MEAN	1	3	2	2	1	1	2	3	2	2	2	1	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - DEC 76
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	7	5	2	0	0	2	4	4	2	2
2	0	0	2	4	2	3	0	0	0	0	1	3	1
3	0	2	1	6	9	6	0	0	3	5	10	4	4
4	0	3	0	1	5	3	1	0	4	0	0	0	1
5	2	1	2	0	2	2	2	1	3	9	7	3	3
6	4	2	1	0	0	0	4	7	5	2	2	2	2
7	1	5	2	1	0	0	3	5	2	2	3	6	3
8	3	5	2	3	0	0	0	0	5	0	5	0	2
9	0	4	2	2	9	3	2	2	0	3	0	2	2
10	0	3	0	2	3	2	1	3	2	2	0	1	2
11	0	0	6	4	0	2	2	3	0	1	0	0	2
12	4	1	0	0	3	1	0	0	8	0	0	2	2
13	0	0	0	4	2	2	3	6	9	3	8	0	3
14	1	3	0	4	1	3	2	1	4	0	1	0	2
15	0	1	2	2	****	****	0	4	0	2	2	2	2
16	0	2	2	0	4	0	4	0	5	4	5	6	3
17	0	6	4	2	1	5	2	0	4	2	0	2	2
18	0	0	2	0	3	2	0	2	5	2	1	2	2
19	0	4	1	2	0	2	3	2	4	1	2	3	2
20	0	2	0	0	1	1	2	2	2	2	0	0	1
21	0	3	2	1	2	2	1	1	2	0	0	2	1
22	0	4	2	2	2	0	2	7	4	4	2	2	3
23	0	8	1	3	0	1	2	1	6	0	3	0	2
24	0	2	2	3	4	0	3	1	3	3	2	0	2
25	0	2	2	1	1	4	0	3	4	2	2	3	2
26	0	4	1	0	0	0	3	2	0	3	2	2	1
27	0	0	0	1	0	4	0	2	4	6	2	6	2
28	0	2	0	1	2	0	2	0	0	1	1	0	1
29	0	4	2	2	2	0	1	0	3	0	4	5	2
30	4	8	0	3	6	3	3	1	2	2	2	3	3
31	0	2	2	0	4	0	0	4	2	0	0	3	1
MEAN	1	3	1	2	2	2	2	2	3	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	3.1	5	15
FEB	11	2.3	4	10
MAR	8	1.5	2	9
APR	29	1.5	3	9
MAY	31	1.6	3	9
JUN	30	1.6	3	9
JUL	31	1.7	3	8
AUG	31	1.5	3	11
SEP	21	1.6	3	9
OCT	29	1.9	5	9
NOV	30	1.9	4	14
DEC	31	2.0	4	10
YEAR	306	1.8	5	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	222	60	13	0	0	0	0	295
FEB	116	21	0	0	0	0	0	137
MAR	89	14	0	0	0	0	0	103
APR	300	48	0	0	0	0	0	348
MAY	330	42	0	0	0	0	0	372
JUN	324	35	0	0	0	0	0	359
JUL	341	31	0	0	0	0	0	372
AUG	336	33	1	0	0	0	0	370
SEP	238	18	0	0	0	0	0	256
OCT	314	37	0	0	0	0	0	351
NOV	326	32	1	0	0	0	0	359
DEC	332	38	0	0	0	0	0	370
YEAR	3268	409	15	0	0	0	0	3692

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84.1	0	0.0	0.0	1.0	1.9	4.3	5.4	7.1	8.5	15	1.8

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY												MONTH - JAN 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	2	0	0	6	6	2	4	2	0	2
2	1	4	0	0	3	2	1	2	2	4	3	4	2
3	0	0	3	6	4	0	4	0	3	2	2	0	2
4	0	0	6	0	0	1	3	0	2	1	5	3	2
5	1	0	3	10	12	0	0	0	0	0	0	0	2
6	0	0	0	3	1	2	3	5	4	0	3	2	2
7	1	0	0	2	2	0	3	1	3	2	8	18	3
8	9	12	10	3	2	5	2	5	11	4	2	2	6
9	0	3	2	4	3	1	0	0	3	9	11	6	4
10	0	6	10	6	5	1	0	2	7	11	2	4	5
11	0	5	0	0	2	0	5	4	0	0	2	1	2
12	2	0	0	2	4	4	5	7	0	4	2	4	3
13	4	4	1	2	6	2	1	3	6	1	7	3	3
14	0	0	0	4	0	5	0	0	0	****	****	****	1
15							- DATA INVALID -						
16	****	****	****	****	****	-	2	0	2	0	2	0	*****
17	0	5	0	6	5	6	2	6	5	9	6	7	5
18	12	9	2	7	11	2	2	2	0	19	2	0	6
19	2	1	0	2	3	2	6	4	4	2	1	2	2
20	3	18	8	6	0	1	8	0	6	2	6	6	5
21	3	0	7	9	7	2	0	0	3	2	0	0	3
22	5	0	0	2	2	2	1	5	0	1	0	0	2
23	2	2	2	1	16	2	5	2	2	5	15	9	5
24	9	6	0	4	4	7	7	9	2	2	0	12	5
25	14	3	15	10	2	2	0	5	4	2	0	5	5
26	2	5	0	0	6	0	0	****	****	****	****	****	*****
27	-	-	-	-	-	-	9	****	****	****	****	****	*****
28							- DATA INVALID -						
29							- DATA INVALID -						
30							- DATA INVALID -						
31							- DATA INVALID -						
MEAN	3	4	3	4	4	2	3	3	3	4	4	4	3.3

PERCENTAGE OF DATA VALID - 77.2

PERCENTAGE OF DATA INVALID - 21.0

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY												MONTH - FEB 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA INVALID -						
2							- DATA INVALID -						
3							- DATA INVALID -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19	-	-	-	-	-	****	0	1	3	0	2	1	*****
20	2	2	6	0	4	1	0	5	2	9	2	2	3
21	2	2	5	3	3	3	10	2	7	3	0	0	3
22	5	2	2	0	0	0	0	0	4	0	2	0	1
23	0	6	0	3	12	4	4	5	7	5	6	2	5
24	2	9	0	0	12	2	0	5	4	0	3	2	3
25	2	0	0	0	10	5	10	7	6	7	12	7	6
26	3	3	4	1	4	7	0	7	0	10	5	5	4
27	9	2	2	8	0	6	0	3	4	3	0	2	3
28	3	1	1	0	3	2	2	3	0	11	10	2	3
29	1	0	2	0	1	0	2	1	0	0	3	0	1
MEAN	3	3	2	2	5	3	3	4	3	4	4	2	3.1

PERCENTAGE OF DATA VALID - 36.2

PERCENTAGE OF DATA INVALID - 8.9

PERCENTAGE OF DATA UNAVAILABLE - 54.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST, SUDBURY

MONTH - MAR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	5	2	3	0	4	7	2	0	3	3
2	2	0	4	0	3	6	3	6	0	6	2	1	3
3	0	0	0	2	0	-	-	-	-	-	-	-	*****
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10	-	-	-	-	-	****	0	4	5	5	2	3	*****
11	0	0	3	5	4	2	0	3	10	3	2	0	3
12	2	1	0	5	2	3	2	4	3	2	2	0	2
13	0	1	0	7	0	2	0	0	2	2	2	13	2
14	11	12	2	0	2	0	0	2	0	3	1	1	3
15	0	1	2	4	1	0	3	2	2	10	4	10	3
16	5	0	3	0	3	2	0	3	0	0	2	4	2
17	4	2	0	4	3	1	2	1	3	6	5	4	3
18	7	4	4	3	5	2	2	1	3	0	9	2	4
19	0	3	2	7	7	11	0	5	9	5	3	5	5
20	5	4	0	6	5	2	2	7	3	2	2	0	3
21	1	2	5	6	4	0	2	2	0	0	0	3	2
22	0	0	2	5	0	4	0	1	3	5	2	1	2
23	8	3	2	0	5	5	6	2	0	5	1	5	4
24	0	0	3	-	5	5	2	2	2	5	0	6	3
25	3	5	3	11	5	2	5	0	4	3	9	1	4
26	5	0	0	6	1	5	0	2	6	9	1	10	4
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29	-	-	-	-	-	-	-	0					
30	0	0	5	7	5	0	****	****	****	****	****	****	*****
31	0	2	0	6	0	2	0	3	0	5	2	6	2
MEAN	3	2	2	4	3	3	1	3	3	4	3	4	2.9

PERCENTAGE OF DATA VALID - 66.9

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 31.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST, SUDBURY

MONTH - APR 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	3	4	0	0	5	0	2	5	3	2
2	0	5	0	5	0	0	0	2	0	5	7	0	2
3	0	6	0	0	3	3	0	7	2	3	2	8	3
4	0	2	7	0	1	0	0	2	1	1	3	0	1
5	0	4	9	0	3	2	0	0	5	3	3	0	2
6	0	2	0	3	0	3	0	0	2	2	3	5	2
7	0	4	0	3	0	1	0	1	0	9	0	0	2
8	0	3	2	3	3	7	0	2	5	5	5	5	3
9	0	2	6	10	7	2	0	5	3	2	2	0	3
10	11	5	11	2	0	0	2	2	0	0	1	0	3
11	3	0	3	0	0	0	5	5	0	0	5	0	2
12	3	0	6	3	2	0	5	3	0	0	2	2	2
13	0	3	2	3	3	0	0	4	2	4	3	11	3
14	0	3	11	9	9	3	0	0	5	8	5	2	5
15	0	4	2	7	0	4	0	4	5	0	4	3	3
16	0	5	5	0	0	0	0	2	1	4	9	0	2
17	0	2	0	4	2	3	0	5	8	7	0	7	3
18	0	8	5	3	0	7	0	3	3	5	2	4	3
19	0	5	1	5	2	3	0	3	3	0	0	2	2
20	0	5	2	0	3	0	0	3	0	4	2	0	2
21	0	6	3	0	2	0	0	4	8	2	3	0	2
22	0	5	2	5	4	0	0	2	4	2	5	0	2
23	0	6	0	3	0	5	0	****	3	2	2	5	2
24	0	3	0	7	3	0	0	2	3	3	0	2	2
25	0	2	0	6	0	2	0	2	2	2	2	3	2
26	0	1	0	3	0	6	0	0	4	2	0	0	1
27	0	2	2	3	0	4	0	****	****	****	****	****	*****
28							- DATA INVALID -						
29							- DATA INVALID -						
30							- DATA INVALID -						
MEAN	1	4	3	3	2	2	0	3	3	3	3	2	2.4

PERCENTAGE OF DATA VALID - 88.3

PERCENTAGE OF DATA INVALID - 11.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH - MAY 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2							- DATA INVALID -						
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7	****	****	****	****	****	****	****	2	0	0	0	2	*****
8	0	0	0	0	0	2	0	2	0	1	0	0	0
9	0	3	0	2	0	4	0	2	0	2	0	0	1
10	0	3	1	0	0	2	0	0	0	0	0	3	1
11	0	7	0	2	2	0	0	2	3	0	3	1	2
12	0	2	5	0	0	5	0	2	0	4	3	0	2
13	0	6	6	6	2	2	0	5	0	0	3	3	3
14	0	4	0	5	3	0	0	2	1	2	3	0	2
15	0	3	2	0	0	0	0	2	3	0	5	9	2
16	0	0	0	0	0	2	0	2	2	2	2	0	1
17	0	0	0	0	2	0	0	2	0	0	0	5	1
18	0	1	0	0	0	0	0	0	0	0	2	0	0
19	0	2	0	9	0	1	0	0	3	0	0	2	1
20	0	2	5	0	2	0	0	5	0	0	2	3	2
21	0	3	0	2	2	0	0	3	0	7	2	0	2
22	0	4	1	2	2	0	0	3	3	5	0	0	2
23	0	0	0	0	0	0	0	0	2	2	0	0	0
24	0	0	1	2	0	0	0	2	0	4	2	2	1
25	0	3	0	0	3	3	0	2	0	3	2	5	2
26	0	0	2	2	3	2	0	2	0	2	5	0	2
27	0	2	2	6	0	2	0	1	0	1	2	3	2
28	0	2	5	0	6	0	0	0	4	0	0	5	2
29	0	3	0	2	2	0	0	5	0	5	2	6	2
30	0	2	3	0	5	1	0	2	5	2	0	1	2
31	0	3	3	3	5	3	0	6	0	0	2	3	2
MEAN	0	2	2	2	2	1	0	2	1	2	2	2	1.4

PERCENTAGE OF DATA VALID - 78.8

PERCENTAGE OF DATA INVALID - 21.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH - JUN 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	2	3	5	0	0	2	0	1	2	1
2	0	5	3	0	5	2	0	0	4	0	3	0	2
3	0	4	3	0	****	****	****	****	****	****	****	****	*****
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8	****	****	****	****	****	0	2	4	4	2	0	0	*****
9	4	0	4	3	3	2	6	3	5	3	2	0	3
10	8	2	2	0	0	5	0	0	3	9	8	0	3
11	0	0	4	0	0	5	1	0	2	3	0	0	1
12	4	1	0	2	3	5	0	2	2	3	2	3	2
13	5	2	2	3	3	0	0	10	2	5	0	7	3
14	5	1	2	2	0	5	4	2	5	5	0	2	3
15	2	2	2	2	2	8	****	****	****	****	****	****	*****
16	****	****	****	****	****	0	2	0	1	2	0	0	*****
17	2	0	3	4	0	2	0	2	3	0	3	0	2
18	0	4	1	6	0	2	0	4	6	3	3	5	3
19	3	4	2	0	3	2	0	3	2	0	2	5	2
20	2	0	2	0	3	0	2	0	4	0	0	2	1
21	3	3	4	5	5	0	3	5	0	0	3	0	3
22	5	3	5	3	2	2	2	5	0	2	0	3	3
23	0	2	3	3	2	5	3	2	0	2	2	6	3
24	0	4	5	5	7	2	1	0	7	5	7	6	4
25	5	0	7	11	7	3	3	0	3	0	2	2	4
26	0	2	0	3	2	3	3	2	3	0	2	3	2
27	2	3	4	5	5	2	3	2	3	2	3	0	3
28	5	0	2	3	1	2	2	2	2	2	3	2	2
29	0	2	0	2	3	5	3	0	7	3	3	3	3
30	9	3	3	0	****	0	3	3	3	2	0	3	3
MEAN	3	2	3	3	3	3	2	2	3	2	2	2	2.4

PERCENTAGE OF DATA VALID - 79.7

PERCENTAGE OF DATA INVALID - 20.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST, SUDBURY

MONTH - JUL 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	0	0	3	2	5	4	0	0	2	2
2	0	0	0	2	0	2	2	2	5	0	2	0	1
3	0	2	5	3	2	6	0	2	0	0	2	7	2
4	3	0	2	2	13	0	0	3	0	2	0	5	3
5	0	3	0	3	6	2	0	5	2	2	1	2	2
6	0	0	5	5	13	0	2	0	3	0	2	7	3
7	2	0	1	0	3	5	0	3	9	5	1	0	2
8	3	0	0	2	0	3	0	0	0	0	2	3	1
9	2	5	2	7	****	0	2	0	2	0	4	0	2
10	2	2	3	2	2	6	3	2	3	2	2	3	3
11	3	0	0	3	2	5	0	2	0	0	2	0	1
12	0	0	3	0	1	7	3	0	0	0	0	0	1
13	0	2	2	0	0	2	2	3	0	0	1	2	1
14	3	3	2	2	2	6	3	0	0	1	0	0	2
15	2	2	5	3	2	2	0	0	2	0	2	1	2
16	0	2	7	1	3	2	0	2	0	1	0	3	2
17	3	5	0	0	2	2	3	2	3	0	3	3	2
18	2	2	2	0	3	3	0	0	0	2	0	2	1
19	2	3	3	3	3	2	2	4	0	2	3	1	2
20	3	2	2	3	5	3	5	2	2	2	5	3	3
21	0	0	2	0	0	0	5	3	5	0	3	1	2
22	0	0	0	3	2	2	2	0	0	0	0	0	1
23	3	0	3	2	5	7	0	4	3	2	3	0	3
24	1	5	0	0	3	2	2	3	1	4	5	0	2
25	0	0	7	0	2	0	0	0	0	0	0	0	1
26	3	0	3	0	2	5	****	****	2	5	0	7	3
27	0	0	2	2	2	0	2	0	2	2	1	6	2
28	0	2	5	2	4	2	3	3	0	0	2	1	2
29	3	0	1	2	2	2	2	0	0	0	0	0	1
30	0	3	2	3	4	2	2	0	2	1	5	1	2
31	0	2	1	3	5	0	0	1	0	0	0	3	1
MEAN	1	1	2	2	3	3	2	2	2	1	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST, SUDBURY

MONTH - AUG 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	0	2	0	0	1	0	0	2	3	1
2	0	0	3	2	1	0	2	2	2	2	1	2	1
3	3	1	5	2	1	3	2	2	0	0	1	0	2
4	0	2	1	2	4	3	0	2	0	3	2	1	2
5	3	2	1	3	3	2	2	0	1	2	1	3	2
6	2	2	3	5	2	2	1	1	1	2	2	4	2
7	2	2	0	3	2	3	0	0	0	3	2	0	1
8	0	2	0	0	2	0	0	0	0	0	2	1	1
9	2	1	3	2	2	2	0	3	3	3	2	7	3
10	2	1	3	4	2	4	0	0	2	2	2	0	2
11	0	0	2	2	0	1	3	2	2	0	5	5	2
12	3	3	2	4	6	2	2	1	3	0	1	6	3
13	0	1	1	3	0	1	4	2	0	0	6	1	2
14	0	0	0	2	1	0	2	0	0	1	2	0	1
15	1	1	0	2	2	1	0	2	1	2	2	2	1
16	2	5	3	1	2	1	1	2	0	2	1	9	2
17	5	0	6	2	2	0	3	1	0	0	1	2	2
18	2	4	2	10	3	0	2	0	4	3	0	2	3
19	0	1	0	1	2	1	1	3	1	2	3	0	1
20	1	0	1	2	1	5	2	2	2	1	0	5	2
21	3	0	2	4	2	0	0	2	2	4	1	2	2
22	4	0	4	3	4	2	1	5	2	1	2	0	2
23	2	2	1	2	0	0	0	1	1	2	0	2	1
24	9	3	2	4	0	2	****	0	0	7	3	4	3
25	0	5	3	12	7	0	1	2	0	7	2	6	4
26	5	2	2	3	1	2	5	3	4	1	3	1	3
27	2	2	6	6	3	2	5	3	0	0	6	7	4
28	4	5	2	0	4	1	2	0	3	5	1	1	2
29	2	0	0	0	2	2	1	2	3	0	0	1	1
30	0	0	0	5	0	3	9	0	0	5	3	2	2
31	2	2	7	3	****	0	5	4	1	7	2	0	3
MEAN	2	2	2	3	2	1	2	2	1	2	2	3	2.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - SEP 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	3	3	2	2	2	2	2	0	0	2	
2	3	0	5	6	0	0	2	1	0	2	2	0	2	
3	4	2	3	4	0	3	2	0	3	8	0	0	3	
4	4	3	4	4	3	0	0	0	2	0	4	0	2	
5	3	2	0	5	0	0	2	0	3	0	3	0	2	
6	0	6	0	1	2	2	2	0	0	6	0	5	2	
7	0	0	0	0	3	0	3	0	2	4	0	0	1	
8	1	3	2	9	***	0	3	0	0	3	2	3	2	
9	4	7	8	11	10	2	2	5	13	3	3	1	6	
10	4	4	0	0	5	0	1	2	1	2	5	2	2	
11	0	2	1	0	2	5	0	1	2	1	0	7	2	
12	2	0	7	5	1	3	2	0	3	0	5	3	3	
13	3	2	3	6	2	0	2	2	2	3	5	5	3	
14	2	2	0	4	2	6	3	4	6	4	2	1	3	
15	4	0	1	6	3	4	3	3	0	1	0	2	2	
16	0	5	2	4	7	0	0	0	0	4	2	0	2	
17	6	0	1	8	1	6	0	4	2	8	6	0	4	
18	8	1	4	4	1	2	2	0	5	2	2	2	3	
19	3	1	3	5	3	0	0	3	0	2	3	2	2	
20	0	6	0	4	3	2	2	2	3	0	3	5	3	
21	2	3	5	9	7	0	0	8	2	0	4	3	4	
22	8	0	0	3	2	3	6	2	4	2	0	0	3	
23	2	1	1	4	5	2	***	***	0	3	0	2	2	
24	3	2	0	5	4	0	1	2	4	3	2	3	2	
25	0	0	1	0	1	4	2	0	4	3	0	3	2	
26	2	3	1	0	2	0	0	0	0	3	0	3	1	
27	3	2	0	2	2	3	2	2	2	1	2	2	1	
28	2	2	0	2	4	4	2	6	2	2	0	0	2	
29	2	8	1	4	2	3	0	0	2	2	5	1	3	
30	2	6	3	8	2	4	2	0	0	3	4	2	3	
MEAN	3	2	2	4	3	2	2	2	2	2	2	2	2.4	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - OCT 76	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	4	3	4	4	2	3	2	5	6	4	2	3	
2	12	0	3	2	8	6	5	2	1	2	5	3	5	
3	4	2	1	4	2	1	0	5	2	0	2	4	2	
4	0	2	0	0	9	4	3	0	0	4	8	9	3	
5	2	2	6	9	4	0	2	3	2	2	7	2	3	
6	0	3	1	1	1	1	5	2	0	0	1	0	1	
7	2	4	1	2	1	6	1	3	0	3	1	0	2	
8	0	1	6	1	2	5	0	1	3	8	5	4	3	
9	0	0	0	3	0	5	4	0	2	3	0	2	2	
10	7	0	1	7	3	0	5	1	0	2	2	2	3	
11	3	0	0	4	2	4	0	5	0	0	2	3	2	
12	0	0	2	2	3	9	2	0	7	0	2	3	2	
13	5	9	1	4	6	2	0	2	2	0	6	3	3	
14	0	0	4	2	2	2	6	0	2	2	4	2	2	
15	2	5	2	0	7	3	6	0	2	2	6	0	3	
16	2	5	0	0	0	4	0	0	2	1	2	2	2	
17	1	0	0	0	0	0	0	0	2	0	2	0	2	
18	2	0	0	0	3	0	2	3	4	0	3	1	1	
19	2	6	1	0	3	2	2	1	0	1	0	2	2	
20	0	0	3	2	2	0	2	0	0	0	1	3	1	
21	2	2	0	1	2	3	0	0	9	3	0	2	2	
22	5	5	4	1	3	0	0	2	0	0	4	0	2	
23	0	0	0	4	2	4	0	3	0	2	0	0	1	
24	7	2	3	2	8	9	0	3	3	0	3	0	3	
25	1	0	0	5	6	2	1	8	3	4	5	0	3	
26	0	0	2	2	0	0	2	1	0	0	2	0	1	
27	0	0	0	0	3	2	3	3	0	7	0	0	2	
28	2	2	0	2	2	3	4	2	3	0	2	0	2	
29	7	2	3	1	3	0	1	4	8	1	7	0	3	
30	0	7	3	4	3	2	8	0	2	2	0	0	3	
31	1	0	4	2	2	1	0	2	2	0	3	0	1	
MEAN	2	2	2	2	3	3	2	2	2	2	3	2	2.2	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026

19 LISGAR ST, SUDBURY

MONTH - NOV 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	1	4	3	0	0	0	5	8	3	2
2	8	3	0	5	2	9	3	5	5	7	4	9	5
3	2	3	7	1	3	5	4	2	7	4	2	2	4
4	0	3	1	1	3	2	0	***	2	0	0	5	2
5	7	0	0	0	2	3	0	6	2	2	3	2	2
6	0	4	2	2	0	0	1	2	4	2	1	0	2
7	0	0	0	1	2	1	1	2	0	6	2	9	2
8	0	0	6	3	0	2	5	3	3	4	4	5	3
9	3	0	1	5	5	2	4	2	2	5	2	0	3
10	2	2	1	4	2	0	0	2	3	1	5	2	2
11	1	2	3	2	5	0	0	1	4	2	2	1	2
12	2	1	3	6	3	0	0	2	3	5	2	4	3
13	0	1	4	2	0	2	2	0	5	0	0	2	2
14	1	2	0	0	1	1	2	1	0	4	1	1	1
15	2	1	1	3	8	8	4	8	8	5	4	3	5
16	3	1	5	8	4	0	0	2	2	1	3	2	3
17	0	1	0	5	4	9	4	4	4	5	2	8	4
18	1	7	1	4	1	2	2	3	6	3	0	1	3
19	5	5	2	4	5	2	1	0	1	4	8	1	3
20	0	0	2	2	1	2	2	2	2	0	7	8	2
21	1	3	2	0	0	2	0	1	1	0	2	0	1
22	5	0	1	1	3	0	4	0	0	0	2	0	1
23	2	1	2	2	4	1	2	0	2	2	2	3	2
24	2	0	1	3	4	1	5	***	4	2	2	4	3
25	3	2	2	7	7	5	2	2	5	3	1	10	4
26	3	1	3	2	3	5	13	8	2	3	0	3	4
27	6	1	2	0	4	0	2	5	2	4	1	4	3
28	0	1	0	2	2	0	1	1	3	0	7	3	2
29	0	0	2	4	5	0	1	4	0	2	0	8	2
30	5	3	2	1	8	3	1	3	3	8	2	7	4
MEAN	2	2	2	3	3	2	2	3	3	3	3	4	2.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*.\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026

19 LISGAR ST, SUDBURY

MONTH - DEC 76

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	4	2	2	0	0	***	2	2	2	0	2
2	2	0	3	5	2	0	2	2	8	4	3	8	3
3	0	2	5	5	12	9	0	4	5	8	8	6	5
4	0	0	0	2	2	2	4	5	3	2	3	1	2
5	4	1	0	7	2	4	3	0	5	3	12	4	4
6	10	2	4	0	4	5	3	5	2	5	2	1	4
7	10	5	0	0	5	***	4	0	3	3	2	5	3
8	12	0	1	1	6	6	10	5	6	0	4	0	4
9	2	1	0	2	10	1	2	3	9	3	6	7	4
10	2	1	6	0	2	7	4	6	0	4	2	1	3
11	2	0	0	5	4	10	2	0	1	0	4	8	3
12	6	2	3	0	2	0	3	2	1	0	1	5	2
13	2	0	0	2	1	7	***	3	0	4	2	0	2
14	5	1	2	0	2	2	1	1	3	1	1	2	2
15	1	0	2	3	2	1	2	3	2	3	1	3	2
16	2	0	2	2	2	2	3	2	4	5	2	2	2
17	2	0	0	3	5	3	2	1	1	1	1	1	2
18	2	2	1	2	3	3	2	0	2	1	0	2	2
19	0	2	2	1	2	2	5	2	2	4	0	2	2
20	0	0	0	0	1	3	0	1	2	1	1	0	1
21	3	0	0	2	0	0	0	1	5	1	2	6	2
22	2	3	1	1	1	2	2	5	8	5	5	3	3
23	1	0	1	2	3	1	1	2	1	3	2	2	2
24	2	4	2	1	3	1	1	2	2	2	3	2	2
25	2	2	3	0	0	3	2	2	2	2	2	2	2
26	2	1	1	0	0	3	2	3	0	2	2	2	2
27	0	2	0	2	1	2	2	7	5	7	4	0	3
28	0	0	2	2	3	2	1	0	5	3	2	2	2
29	0	0	2	2	3	2	2	2	3	1	3	1	2
30	2	1	2	3	2	2	2	2	4	2	2	2	2
31	1	1	1	0	5	2	4	0	2	2	0	3	2
MEAN	3	1	2	2	3	3	2	2	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*.\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	3.3	6	19
FEB	10	3.1	6	12
MAR	19	2.9	5	13
APR	26	2.4	5	11
MAY	24	1.4	3	9
JUN	22	2.4	4	11
JUL	31	1.9	3	13
AUG	31	2.0	4	12
SEP	30	2.4	6	13
OCT	31	2.2	5	12
NOV	30	2.6	5	13
DEC	31	2.4	5	12
YEAR	308	2.3	6	19

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	208	64	11	4	0	0	0	287
FEB	92	30	4	0	0	0	0	126
MAR	183	61	5	0	0	0	0	249
APR	253	61	4	0	0	0	0	318
MAY	264	29	0	0	0	0	0	293
JUN	238	48	1	0	0	0	0	287
JUL	327	40	2	0	0	0	0	369
AUG	332	37	1	0	0	0	0	370
SEP	305	50	2	0	0	0	0	357
OCT	316	54	2	0	0	0	0	372
NOV	292	65	1	0	0	0	0	358
DEC	311	55	3	0	0	0	0	369
YEAR	3121	594	36	4	0	0	0	3755

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.5	0	0.0	0.0	1.4	2.5	4.9	6.6	8.7	10.2	19	2.3









## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	3	0	****	2	4	2	3	2	2	2	2	0	2	0	2	0	0	2	2	3	4	2
2	8	13	8	4	5	4	7	0	6	2	0	0	2	1	1	3	0	0	0	1	3	2	2	4	3
3	3	7	9	10	7	4	3	****	****	****	****	****	****	****	5	3	1	2	0	2	2	2	2	4	4
4	2	3	1	0	3	5	1	0	0	0	0	0	1	0	0	0	6	0	1	2	0	2	0	1	1
5	1	4	3	2	2	0	2	5	5	3	2	2	1	2	3	3	6	2	0	1	3	3	3	4	3
6	5	9	6	2	3	2	6	7	2	3	6	4	2	4	3	3	5	8	6	2	3	6	7	6	5
7	7	7	7	6	5	2	5	9	8	9	3	7	3	0	0	3	7	3	4	6	7	6	4	4	5
8	0	0	3	0	3	2	5	4	4	2	3	0	2	2	1	1	3	1	0	1	2	1	2	-	2
9	1	1	2	0	4	12	4	2	12	3	****	9	4	2	1	1	3	0	3	2	0	0	1	0	3
10	2	0	2	0	2	0	4	6	7	5	2	1	3	2	2	1	0	2	2	3	2	****	****	****	2
11	5	2	2	2	0	2	****	0	0	2	0	0	0	0	2	0	2	0	0	0	3	1	3	0	1
12	0	1	0	0	0	0	****	0	0	-	4	4	****	2	0	0	6	2	2	0	1	2	0	3	1
13	7	2	-	2	0	0	5	6	6	4	2	2	2	0	****	4	3	0	2	1	2	3	3	0	3
14	5	2	0	0	4	8	8	14	7	4	5	2	2	4	1	5	6	3	0	2	0	0	3	3	4
15	3	0	0	6	1	2	4	-	8	-	-	4	0	4	3	3	5	6	0	11	1	2	2	3	3
16	2	0	0	0	0	0	0	1	3	2	3	7	2	2	2	0	6	0	1	0	2	2	2	1	2
17	2	2	0	1	4	6	3	3	2	2	0	0	2	0	1	0	5	2	3	2	3	4	7	8	3
18	7	9	7	6	9	6	5	3	3	2	0	0	0	12	****	0	2	5	0	6	6	4	3	4	4
19	9	3	2	6	0	0	22	13	5	7	6	4	4	3	3	4	7	3	1	0	5	6	0	3	5
20	0	4	6	4	6	4	4	9	4	4	0	5	4	4	3	6	2	7	6	4	6	3	3	6	4
21	8	5	0	2	2	2	4	6	4	4	****	0	8	2	0	1	3	4	2	5	4	2	3	3	3
22	3	4	0	3	3	4	5	9	0	6	1	6	5	3	2	5	7	3	5	8	6	3	2	4	4
23	3	7	0	3	4	4	****	-	-	-	12	5	5	6	2	4	6	2	3	2	4	4	4	7	4
24	4	3	0	3	0	2	1	3	3	2	0	0	4	0	0	0	1	1	2	2	2	2	3	0	2
25	0	2	2	1	0	0	2	0	2	4	0	0	****	0	****	****	****	10	6	0	1	0	0	1	2
26	4	3	2	2	4	0	10	8	8	5	5	****	4	2	2	5	1	3	3	8	10	15	6	7	5
27	8	9	-	-	-	-	-	8	8	1	7	3	2	2	2	2	9	5	5	8	5	4	4	4	5
28	0	0	0	0	0	12	4	6	7	8	1	7	-	7	1	5	3	2	4	5	3	0	0	****	3
29	****	0	0	6	4	0	6	3	****	0	0	0	7	3	3	2	3	1	4	6	3	5	0	0	3
30	1	2	2	1	2	2	0	2	5	6	6	6	10	11	12	12	13	9	6	4	5	4	4	3	5
31	4	3	4	7	9	11	5	5	2	3	3	0	0	1	2	0	4	0	0	0	0	2	1	0	3
MEAN	4	3	2	3	3	3	5	5	4	4	3	3	3	3	2	3	4	3	2	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	6	0	2	6	5	3	2	2	0	1	0	0	1	0	2	3	2	4	0	3	0	4	2
2	3	3	0	5	0	4	5	8	6	7	0	2	2	0	0	2	2	0	0	0	0	2	2	2	2
3	5	14	6	6	5	0	6	12	12	0	0	4	7	3	3	5	0	0	3	3	7	6	4	4	5
4	7	8	7	13	14	14	14	9	18	8	6	****	10	8	4	5	5	3	6	4	10	6	6	7	8
5	5	5	4	9	8	13	6	10	-	4	6	6	5	4	4	3	6	5	5	4	10	6	6	7	8
6	0	0	1	0	0	0	0	1	2	4	3	2	3	2	2	5	4	1	1	0	0	0	0	1	5
7	2	1	1	4	2	6	0	3	2	3	2	0	0	2	1	0	2	0	2	3	1	0	1	2	2
8	3	2	0	1	0	2	6	2	4	4	2	3	1	2	2	2	2	4	0	0	0	3	3	5	2
9	5	7	11	8	9	13	15	14	9	7	4	3	3	3	4	3	3	3	0	2	4	4	3	2	6
10	3	4	9	2	5	12	14	20	15	8	2	4	4	3	5	3	4	6	3	4	4	3	3	****	6
11	2	3	3	3	5	4	6	6	7	6	5	4	4	2	6	5	7	4	3	5	0	4	9	6	5
12	5	7	5	8	5	3	7	7	0	7	5	6	0	3	8	1	3	4	2	5	9	8	4	5	5
13	4	3	2	2	2	5	4	7	9	5	5	5	7	0	4	6	8	7	4	7	9	13	16	4	6
14	3	2	2	0	2	2	2	2	2	2	2	2	3	4	3	5	4	4	4	2	****	0	0	0	2
15	0	0	0	0	0	0	0	0	0	8	3	2	0	0	0	0	****	****	0	0	2	3	0	0	1
16	8	0	2	0	3	9	0	8	0	0	0	0	4	0	0	5	3	3	3	-	5	9	-	-	3
17	17	15	14	9	8	6	0	7	10	5	4	3	3	2	3	8	8	2	2	6	8	7	7	6	7
18	4	9	10	14	15	17	21	25	23	18	12	9	6	3	5	4	6	5	0	6	6	10	12	9	10
19	11	11	13	14	9	10	8	****	8	10	5	3	8	2	0	5	5	3	****	****	****	****	****	****	7
20	5	****	****	****	****	****	****	****	****	****	13	****	6	7	****	7	6	6	2	6	6	7	6	22	****
21	5	4	4	4	5	6	11	13	10	8	5	6	8	9	7	6	3	4	3	3	5	4	2	6	6
22	3	9	8	10	9	11	14	10	7	7	3	4	5	3	2	3	3	-	0	3	4	6	9	****	6
23	3	2	0	0	5	4	8	4	2	0	6	3	3	0	0	3	8	3	2	2	0	1	0	2	3
24	0	2	2	0	2	0	0	****	1	0	0	3	6	0	0	6	5	3	4	3	2	3	****	4	2
25	3	4	5	****	6	****	****	****	****	8	6	4	4	4	0	6	5	5	5	6	5	5	3	4	5
26	****	5	4	2	3	****	7	4	12	8	3	0	2	0	4	2	0	2	6	7	7	2	4	6	4
27	****	****	4	5	3	4	****	4	2	4	3	0	3	11	0	5	4	7	5	3	6	1	5	2	4
28	0	0	0	4	1	****	5	3	1	2	2	4	1	0	0	0	0	3	2	2	0	2	2	4	2
29	2	2	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	2	0	2	1
30	5	3	5	4	4	0	0	0	****	****	****	****	****	****	0	****	4	1	3	6	6	7	7	4	3
31	3	5	5	6	8	****	****	****	****	****	****	4	****	****	4	7	7	4	4	4	0	4	13	0	5
MEAN	4	4	4	5	5	6	6	7	6	5	4	3	4	3	2	4	4	3	3	3	4	4	4	5	4.2

PERCENTAGE OF DATA VALID - 92.5

PERCENTAGE OF DATA INVALID - 6.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	5	6	8	0	6	****	****	****	****	****	****	****	2	5	3	2	0	3	0	2	2	0	3
2	0	0	2	0	2	6	8	8	5	4	1	1	1	0	0	4	2	2	2	1	4	1	2	2	2
3	5	1	2	4	3	4	8	9	6	5	-	5	4	3	2	4	5	3	5	0	0	8	6	9	4
4	3	3	4	4	9	9	11	11	7	7	3	3	3	3	0	0	2	2	2	2	2	2	0	0	4
5	3	3	0	0	2	2	0	0	2	2	0	0	3	3	1	1	0	0	3	3	2	2	5	5	2
6	0	0	2	2	0	0	3	3	2	2	0	0	5	5	2	2	4	4	2	2	2	2	0	0	2
7	7	7	5	5	6	6	12	12	11	11	2	2	1	1	1	4	3	3	4	4	4	5	6	6	5
8	7	5	8	11	15	10	12	7	14	6	6	3	3	2	3	6	4	3	-	****	8	8	8	5	7
9	6	7	15	9	9	8	5	4	7	6	5	1	****	****	****	-	-	5	****	2	****	2	0	2	5
10	0	2	2	1	2	3	5	****	****	****	****	0	****	2	3	6	4	5	5	5	4	4	4	4	3
11	7	3	3	4	4	10	5	4	5	2	5	6	5	2	3	2	3	****	3	4	7	4	4	0	4
12	4	4	6	10	12	13	8	3	4	4	3	3	3	2	2	2	2	2	4	3	5	5	3	4	5
13	5	7	6	7	7	8	9	9	9	12	7	5	****	5	4	5	6	5	6	7	7	7	7	6	7
14	8	11	7	10	9	12	11	12	10	13	11	8	5	4	6	3	6	5	6	5	****	7	****	****	8
15	10	9	11	5	7	6	5	5	5	5	5	7	0	8	4	7	5	3	4	4	3	3	2	4	5
16	3	2	4	7	3	6	5	9	7	8	-	7	9	13	11	9	11	8	5	3	3	4	4	7	7
17	4	4	4	****	****	6	7	6	****	5	****	****	7	5	7	9	6	4	5	4	3	3	3	3	5
18	4	3	4	4	5	5	4	5	7	3	3	3	3	2	3	3	4	2	4	8	12	9	4	3	4
19	3	5	5	6	5	4	5	10	9	4	7	5	3	3	3	6	4	4	5	9	7	5	6	4	5
20	5	9	6	5	5	2	2	6	6	5	5	4	3	3	2	3	3	2	1	0	3	2	3	2	4
21	2	2	2	2	4	6	6	18	11	6	9	6	6	2	2	5	2	-	-	-	3	0	0	1	5
22	2	0	2	3	2	6	9	8	5	4	****	2	2	2	2	3	2	2	5	8	10	8	6	5	4
23	3	4	2	4	4	3	4	8	6	6	6	4	2	0	0	3	3	2	0	4	5	3	2	2	3
24	3	3	2	4	1	4	7	13	14	****	3	0	****	0	2	2	3	1	5	4	4	7	5	8	4
25	11	8	8	12	13	15	17	18	11	13	9	7	8	5	4	4	5	5	7	5	4	4	7	5	9
26	4	5	7	5	3	4	5	6	4	8	6	3	5	3	4	7	****	****	2	3	3	3	3	3	4
27	3	5	4	4	6	-	-	10	9	9	7	6	9	5	****	7	4	5	4	4	3	3	2	1	5
28	2	2	2	2	2	3	5	7	5	8	5	4	5	4	3	3	3	2	3	7	7	9	10	14	5
29	8	8	12	10	15	14	16	13	12	****	6	4	****	4	3	4	5	4	8	8	9	7	11	19	9
30	9	8	12	13	13	21	24	****	31	24	16	9	13	****	6	8	10	9	9	12	11	12	16	13	14
MEAN	4	5	5	5	6	7	8	8	8	7	5	4	5	3	3	4	4	3	4	5	5	5	5	5	5.1

PERCENTAGE OF DATA VALID - 93.3

PERCENTAGE OF DATA INVALID - 5.3

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	20	10	10	12	12	26	31	12	11	7	****	****	2	5	8	6	11	8	6	5	12	13	12
2	8	7	5	6	****	****	****	15	7	10	8	9	9	8	8	8	6	8	7	9	15	11	11	13	9
3	15	17	15	17	15	9	9	11	11	9	9	8	9	9	8	8	6	8	10	10	****	9	10	8	10
4	7	6	5	7	6	10	11	9	11	****	9	6	6	6	7	8	6	7	12	12	11	10	7	7	8
5	2	3	3	3	4	5	8	-	5	4	-	7	4	4	5	5	6	5	7	5	6	5	8	7	5
6	10	5	4	5	4	4	6	5	3	4	6	4	6	2	5	6	4	3	0	2	0	2	2	0	4
7	0	0	0	0	0	2	5	6	****	****	4	3	4	3	3	0	3	5	2	****	3	0	2	0	2
8	0	0	1	1	2	3	****	9	****	10	7	5	4	4	4	3	7	****	4	4	3	3	3	3	4
9	4	2	3	2	1	0	3	4	4	6	4	3	5	0	2	0	2	0	2	3	3	3	5	5	3
10	5	3	3	2	4	6	4	5	4	3	4	3	5	2	3	3	3	3	4	3	2	2	2	0	3
11	1	0	0	0	1	3	6	5	5	6	7	6	5	9	6	5	4	6	3	5	3	4	6	6	4
12	6	6	6	3	3	5	****	6	7	7	****	6	5	5	3	5	6	6	7	6	6	7	7	18	6
13	****	****	0	11	8	9	10	11	13	22	24	8	5	4	4	5	3	4	2	2	3	2	0	0	7
14	0	0	0	2	3	4	8	10	9	5	3	4	1	0	0	2	4	5	5	5	2	3	3	2	3
15	3	4	4	4	4	4	5	****	11	11	2	3	3	2	4	3	4	2	3	-	3	2	4	10	4
16	3	4	3	2	2	0	1	2	6	6	3	2	0	2	1	2	2	2	1	2	3	2	2	2	2
17	2	2	1	1	2	2	2	2	2	2	0	0	2	2	0	0	4	4	2	2	0	2	3	2	2
18	6	7	5	6	7	10	14	20	14	7	2	2	3	3	3	4	4	2	4	6	5	4	2	2	6
19	2	2	3	2	2	6	11	9	8	8	2	2	2	2	3	3	4	4	2	2	2	2	2	5	4
20	6	6	7	-	6	8	9	11	13	14	12	8	6	-	4	-	7	4	4	6	6	7	6	5	7
21	3	3	4	9	7	8	7	8	11	-	7	6	2	3	4	3	3	3	2	4	4	4	6	-	5
22	2	2	2	6	5	8	9	10	-	9	-	3	0	0	3	6	3	4	8	5	6	5	8	6	5
23	12	-	10	9	7	10	13	-	10	13	15	12	8	6	2	5	7	4	6	6	6	6	5	6	8
24	5	3	3	3	3	3	3	4	4	6	6	9	10	9	8	8	5	6	5	5	4	5	4	-	5
25	4	6	4	7	4	3	5	9	7	9	10	5	4	6	3	8	6	6	5	3	4	4	3	8	6
26	7	2	3	3	3	2	5	10	9	4	4	4	4	3	2	2	2	4	-	4	3	2	3	2	4
27	1	2	4	0	10	5	7	-	6	-	3	2	3	3	4	7	4	3	5	3	4	7	11	17	5
28	15	13	3	5	6	8	6	9	-	8	6	5	4	4	4	7	4	7	4	5	5	8	9	14	7
29	9	-	10	5	5	7	9	10	13	14	10	3	7	4	5	6	6	6	5	7	7	6	8	6	7
30	7	7	6	6	7	17	9	10	8	9	11	11	11	12	11	10	8	8	6	5	6	5	7	5	8
31	4	4	4	7	3	4	3	4	2	0	1	2	2	0	0	0	0	1	2	3	5	4	8	15	3
MEAN	6	5	5	5	5	6	7	9	9	8	6	5	5	4	4	4	5	5	5	5	5	5	5	6	5.4

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.4	8	35
FEB	28	5.0	9	36
MAR	30	4.4	13	33
APR	30	3.8	9	16
MAY	31	3.8	8	34
JUN	27	3.2	7	16
JUL	31	3.1	5	22
AUG	30	4.2	10	25
SEP	30	5.1	14	31
OCT	31	5.4	12	31
NOV	30	6.6	13	25
DEC	31	6.1	15	35
YEAR	360	4.7	15	36

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	323	354	45	4	1	1	0	728
FEB	355	248	55	14	0	1	0	673
MAR	464	190	27	9	9	2	0	701
APR	459	199	27	6	0	0	0	691
MAY	518	178	16	6	5	1	0	724
JUN	497	129	15	1	0	0	0	642
JUL	523	162	15	0	1	0	0	701
AUG	425	219	34	6	4	0	0	688
SEP	348	264	49	7	3	1	0	672
OCT	339	303	52	9	3	1	0	707
NOV	207	396	71	10	6	0	0	690
DEC	261	361	67	12	3	1	0	705
YEAR	4719	3003	473	84	35	8	0	8322

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

94.7

0

0.0

2.0

3.4

5.3

8.9

11.3

14.2

16.9

36

4.7

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - JAN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	1	1	3	3	2	2	0	0	3	3	1	1	0	0	0	0	****	2	2	2	2	2	2	1
2	2	1	1	1	2	2	2	3	2	3	3	3	4	4	4	5	5	6	4	5	4	3	9	6
3	4	10	10	8	7	10	11	7	9	9	3	3	9	6	3	7	7	8	7	10	****	8	10	8
4	11	17	10	8	6	11	7	7	6	11	7	5	10	11	10	10	2	2	3	7	7	8	5	4
5	5	11	13	12	9	11	16	14	15	10	9	6	3	3	3	4	5	5	3	3	3	4	5	6
6	7	5	6	4	3	3	3	4	4	5	6	6	6	5	5	5	6	5	5	5	6	6	7	6
7	7	7	6	7	6	7	6	8	8	11	10	4	3	3	3	4	3	3	3	3	3	3	3	2
8	2	2	3	5	3	4	7	9	10	12	9	0	4	4	5	8	8	7	6	7	9	8	8	5
9	9	5	4	4	5	6	7	9	6	9	7	7	5	6	5	4	7	6	7	6	5	5	4	4
10	6	5	8	10	11	10	17	6	9	6	7	7	8	4	3	3	4	4	5	5	4	4	6	5
11	5	5	4	4	4	4	4	4	4	4	4	4	5	7	10	12	11	9	9	10	10	7	4	4
12	11	7	7	4	3	6	9	13	11	12	8	3	3	4	4	4	3	2	3	3	3	4	4	3
13	4	4	4	5	5	5	5	6	7	7	7	8	9	10	9	9	10	6	7	7	8	6	7	4
14	3	2	1	2	****	****	****	****	****	****	****	****	****	****	****	9	8	****	11	3	5	9	14	14
15	11	9	3	2	2	2	3	4	4	10	7	3	4	3	8	4	4	4	3	3	3	2	3	3
16	2	2	2	4	4	3	****	****	11	6	5	5	5	4	2	3	4	3	3	3	2	2	2	4
17	3	3	3	2	2	2	4	5	7	8	7	5	3	2	2	2	2	2	2	3	4	4	6	4
18	5	3	3	4	4	6	6	8	6	9	13	13	7	5	4	3	3	2	3	3	2	3	3	2
19	3	3	4	4	4	4	4	4	4	4	5	4	4	4	4	4	5	5	5	4	7	8	5	9
20	11	11	4	3	3	3	2	8	14	12	11	7	9	8	9	7	5	5	5	5	3	3	5	4
21	2	3	3	3	2	2	3	4	6	13	6	7	4	5	4	5	4	6	7	3	1	6	3	3
22	3	4	4	3	1	2	3	4	4	3	3	4	4	4	3	3	3	6	6	7	7	6	6	4
23	0	2	4	4	2	4	3	4	4	3	3	5	6	5	4	4	6	5	4	2	2	3	3	4
24	4	4	2	2	3	3	3	3	4	5	7	9	10	12	17	10	10	9	7	10	7	8	7	8
25	5	6	6	6	6	6	5	5	6	9	7	6	4	2	4	4	4	4	2	2	6	7	7	9
26	****	4	0	6	4	14	8	7	-	-	12	6	4	5	5	5	5	4	5	5	5	3	4	2
27	3	3	2	5	3	9	5	9	7	8	5	5	3	0	4	6	4	3	5	5	4	6	7	9
28	6	7	12	8	4	6	4	3	5	5	3	2	2	3	2	5	6	4	4	5	7	5	6	9
29	19	21	20	14	17	22	4	5	4	5	-	3	3	2	7	3	2	3	2	2	3	3	4	2
30	3	2	2	2	2	1	2	4	5	-	****	4	5	5	4	5	4	4	3	2	5	8	9	10
31	7	6	4	3	3	2	3	3	4	5	6	5	4	3	4	3	3	4	5	4	4	3	3	3
MEAN	5	6	5	5	4	6	5	6	7	7	6	5	5	5	5	5	5	5	5	5	5	5	6	5

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - FEB 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	3	2	2	3	4	4	3	2	2	3	4	4	3	6	2	2	2	0	3	0	2	2	2	4
2	5	4	6	4	5	3	4	4	5	6	11	10	8	7	9	6	5	7	7	6	4	5	5	7
3	6	5	6	15	6	7	8	7	8	8	6	6	4	****	4	5	6	3	4	6	4	3	2	3
4	10	13	10	5	7	6	9	3	5	3	0	1	0	0	2	2	2	2	2	2	5	5	2	4
5	3	3	3	3	3	4	5	5	5	4	4	2	2	2	2	3	2	3	2	2	-	****	4	3
6	5	4	4	5	0	0	6	6	10	10	2	4	3	4	3	2	2	2	10	10	20	11	11	6
7	17	13	9	9	17	16	25	5	6	6	7	6	5	4	3	4	2	1	3	3	2	4	4	8
8	13	13	17	15	9	9	9	11	3	3	2	2	3	2	2	2	0	2	5	5	1	3	1	2
9	2	3	6	6	9	6	11	11	6	6	3	3	2	2	2	2	0	2	2	2	2	2	2	4
10	3	3	3	3	2	3	3	3	3	3	8	4	5	6	7	9	8	7	9	6	16	11	6	6
11	5	6	3	2	3	3	3	4	7	5	9	6	7	4	2	3	2	3	2	2	3	5	11	4
12	13	3	4	2	3	3	2	3	2	3	4	5	3	4	3	4	4	2	3	4	5	0	3	6
13	5	5	4	4	5	7	13	18	11	10	5	3	2	2	2	2	2	3	3	4	4	5	4	5
14	3	2	3	2	3	5	5	8	7	5	0	0	0	0	0	0	****	0	1	2	2	2	2	2
15	3	5	5	5	4	3	3	2	2	4	7	6	8	3	4	3	3	4	3	18	15	3	2	5
16	2	1	2	2	3	6	14	10	4	4	10	7	5	3	3	5	5	4	3	0	2	1	3	9
17	4	6	7	8	2	0	3	3	5	4	4	7	3	4	3	3	3	3	4	4	3	3	2	4
18	1	4	2	2	2	3	3	3	3	5	5	4	3	2	1	2	6	8	11	9	23	5	12	13
19	9	8	10	6	4	4	3	4	5	5	7	10	4	6	6	5	3	3	6	29	13	3	5	8
20	9	14	11	8	2	2	15	7	9	9	6	5	4	3	4	4	1	2	3	5	4	5	3	3
21	5	5	2	3	2	2	2	3	5	4	6	10	13	11	14	14	10	16	12	7	4	3	2	0
22	3	2	0	0	0	0	0	0	0	1	0	0	1	1	-	-	0	2	2	2	2	1	2	2
23	1	2	1	0	2	2	6	6	11	13	12	8	3	2	2	3	3	4	2	2	5	3	13	5
24	12	10	6	8	5	5	6	5	4	5	5	5	4	5	****	6	7	5	5	5	5	5	3	4
25	5	6	5	4	5	3	5	5	5	9	6	7	4	4	7	6	-	5	6	8	5	11	13	7
26	-	6	8	6	5	6	6	6	9	10	9	7	7	****	5	8	10	5	6	5	6	6	7	12
27	10	13	11	17	12	14	11	12	14	17	20	7	6	6	6	6	6	5	5	5	5	5	4	6
28	9	7	5	6	3	3	1	1	2	2	2	2	0	0	0	0	4	4	1	1	0	0	2	2
29	0	0	4	4	8	8	9	9	5	5	9	9	12	12	3	3	3	3	0	0	0	0	6	6
MEAN	6	6	5	5	5	5	7	6	6	6	6	5	4	4	4	4	4	4	4	5	6	5	5	5

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY











UNITS - 0.1 COHS/1000 FT

MONTH - NOV 76

PERCENTAGE OF DATA VALID - 98.5      PERCENTAGE OF DATA INVALID - 1.1      PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.     "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

MONTH - DEC 76

PERCENTAGE OF DATA VALID - 94.1      PERCENTAGE OF DATA INVALID - 4.0      PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CONS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	5.3	8	22
FEB	29	5.0	9	29
MAR	31	4.1	13	35
APR	30	3.5	6	22
MAY	31	4.1	12	28
JUN	30	4.9	9	24
JUL	29	3.6	8	19
AUG	31	4.6	11	29
SEP	30	5.2	10	25
OCT	31	5.1	11	27
NOV	30	5.9	10	25
DEC	30	5.3	14	30
YEAR	362	4.7	14	35

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CONS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	366	309	38	7	2	0	0	722
FEB	371	249	49	13	3	0	0	685
MAR	500	177	17	5	4	2	0	705
APR	524	162	12	5	1	0	0	704
MAY	490	221	12	5	5	0	0	733
JUN	389	264	40	7	2	0	0	702
JUL	481	176	20	4	0	0	0	681
AUG	445	226	32	18	6	0	0	727
SEP	362	278	39	9	7	0	0	695
OCT	379	272	49	15	2	0	0	717
NOV	305	322	61	14	7	0	0	709
DEC	362	291	35	8	4	0	0	700
YEAR	4974	2947	404	110	43	2	0	8480

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.5	0	0.8	2.2	3.4	5.0	8.7	11.0	14.7	17.4	35	4.7

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
6	0	0	3	3	2	2	2	2	1	1	2	2	0	0	0	0	2	1	3	3	0	0	2	2	*****
7	0	0	0	0	2	2	1	1	2	2	0	0	1	1	7	7	4	4	2	2	0	0	6	6	2
8	0	0	2	2	0	0	3	3	2	2	0	0	2	2	0	0	5	5	0	0	1	1	0	0	1
9	7	7	1	1	0	0	7	7	2	2	6	6	0	0	0	0	2	2	2	2	0	0	0	0	2
10	2	2	0	0	2	2	2	2	0	0	1	1	2	2	4	4	0	0	2	2	2	2	0	0	1
11	0	0	2	2	0	0	4	4	0	0	5	5	3	3	5	5	4	4	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	5	5	1	1	0	0	1	1	****	****	0	0	0	0	0	0	1
13	2	2	1	1	2	2	2	2	2	2	2	2	1	1	0	0	3	3	2	2	0	0	3	3	2
14	1	1	2	2	4	4	0	0	4	4	0	0	3	3	0	0	0	0	2	2	0	0	3	3	2
15	5	10	3	4	4	5	3	5	9	6	5	3	2	3	2	2	2	3	3	3	2	2	3	3	4
16	1	0	3	3	2	2	-	****	3	2	2	2	2	2	2	2	2	3	3	3	2	2	3	3	4
17																									
18																									
19	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
20	9	6	3	3	3	3	5	5	0	7	5	6	5	11	6	8	8	9	8	9	8	4	7	6	7
21	4	6	5	5	5	8	6	8	7	9	9	5	5	4	3	2	4	3	2	****	2	4	0	2	5
22	0	1	0	0	0	0	0	1	2	1	0	2	2	2	2	3	3	4	4	4	8	4	8	6	2
23	3	4	5	7	5	5	6	8	8	4	4	4	5	5	4	2	4	4	5	2	3	5	3	5	5
24	4	4	4	8	6	4	3	3	4	3	3	3	4	5	6	6	7	13	9	8	6	10	7	8	6
25	7	7	6	5	6	4	5	3	5	4	5	4	4	7	5	4	5	4	0	0	4	4	3	8	5
26	****	3	12	4	10	6	3	4	-	-	6	10	11	9	6	4	0	4	3	2	3	4	3	4	5
27	2	3	4	3	3	2	4	11	3	9	6	4	6	0	4	4	6	3	3	4	3	5	5	2	4
28	3	7	6	3	2	3	3	5	3	8	8	5	4	4	3	7	6	7	5	4	4	5	6	6	5
29	8	10	8	3	2	0	2	0	0	0	-	0	0	2	0	2	4	3	3	4	5	3	3	3	3
30	5	5	3	3	2	2	3	4	3	-	****	2	3	3	0	3	3	2	3	0	2	2	2	1	3
31	0	2	0	1	2	2	7	7	6	7	3	6	6	7	5	5	3	5	5	4	4	4	4	3	4
MEAN	3	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 74.5

PERCENTAGE OF DATA INVALID - 24.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	5	4	4	5	5	5	8	6	6	4	5	2	2	2	2	0	0	0	0	0	0	0	3
2	0	0	1	0	0	0	2	2	4	3	3	3	3	3	3	3	6	5	3	3	4	5	5	4	3
3	6	6	5	5	5	5	10	11	12	14	14	14	12	10	9	6	5	6	5	3	3	4	9	4	8
4	5	5	7	6	7	4	3	2	4	2	8	0	3	3	2	0	0	3	3	0	0	0	0	0	3
5	1	0	0	0	0	2	2	2	2	0	1	1	1	2	2	2	3	2	2	2	-	-	2	3	1
6	2	1	0	2	0	0	1	1	5	5	0	2	4	3	3	2	0	0	0	0	2	2	0	4	2
7	3	3	3	3	3	6	4	5	6	4	2	0	4	12	5	5	5	3	3	4	3	2	3	4	4
8	4	5	6	6	6	2	2	4	0	1	0	0	0	0	0	0	0	1	0	0	0	2	0	0	2
9	0	0	0	0	0	1	0	0	0	0	4	4	1	1	0	2	2	3	2	4	4	3	3	3	2
10	5	4	5	5	3	3	0	****	****	4	4	5	5	4	3	6	7	6	5	7	8	10	4	3	5
11	1	1	2	2	0	0	0	2	4	4	3	2	3	3	2	3	3	3	3	0	2	2	5	3	2
12	2	2	2	3	1	3	0	3	2	3	4	4	4	4	5	3	6	6	3	4	4	0	5	6	3
13	4	4	2	3	5	3	5	4	3	3	2	2	3	1	2	2	3	3	2	0	0	2	0	2	3
14	0	2	0	0	0	0	1	2	3	3	3	2	2	2	2	1	****	2	0	0	1	1	0	0	1
15	0	0	2	0	2	3	2	3	1	2	3	3	3	3	3	3	4	3	3	1	3	4	2	1	2
16	0	0	5	5	3	4	2	3	4	3	2	1	1	0	1	2	3	4	1	0	0	0	0	0	2
17	1	2	3	3	2	1	0	0	0	0	****	2	2	3	3	2	3	2	2	2	1	2	1	0	2
18	1	0	1	0	0	2	2	2	3	3	2	3	4	5	4	2	3	2	0	3	7	2	5	4	2
19	7	6	4	3	2	2	3	3	4	8	4	9	7	4	3	5	4	1	1	3	6	4	7	7	4
20	7	6	5	0	0	0	4	7	5	3	1	2	2	2	2	3	4	3	3	2	2	3	2	1	3
21	2	2	2	1	0	0	0	2	1	2	3	3	3	2	6	4	4	3	2	1	0	0	0	0	2
22	0	0	0	0	0	0	0	4	0	0	0	0	0	0	-	-	3	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	2	5	5	3	2	2	4	4	5	4	3	3	1	2	3	2	2	2
24	2	3	3	3	2	3	4	4	5	5	9	9	7	6	5	6	3	9	6	9	5	7	7	6	5
25	6	5	4	5	5	5	7	5	5	6	6	7	5	6	6	5	-	4	5	6	5	4	4	8	5
26	-	6	7	8	7	7	7	7	9	8	10	9	7	7	7	6	11	12	6	6	7	11	10	8	5
27	11	11	6	4	7	3	7	9	9	5	1	2	0	1	0	2	3	4	4	5	4	4	3	3	5
28	4	6	3	2	1	0	0	0	0	0	1	2	2	2	0	0	6	6	0	0	0	0	0	0	1
29	4	4	0	0	2	2	0	0	9	9	0	0	2	2	0	0	1	1	0	0	0	0	1	1	2
MEAN	3	3	3	3	2	2	3	3	4	4	4	3	3	3	3	3	4	3	2	2	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	0	0	1	3	0	0	2	0	0	2	-	2	1	0	1	1	2	2	2	3	0	0	0	1
2	0	0	0	0	0	0	0	0	2	2	0	2	2	2	2	2	-	-	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	2	2	2	2	2	0	1	2	2	2	5	2	2	3	0	0	2	2	1	1	5	5	0	2	2
5	3	10	11	4	6	4	1	2	4	2	4	2	4	5	5	0	5	5	5	5	6	6	5	-	5
6	3	7	2	0	0	6	2	2	0	2	3	4	3	4	4	10	7	4	5	3	3	2	4	3	3
7	2	-	-	0	0	0	10	4	3	3	2	2	3	3	0	0	0	0	3	3	0	0	0	0	2
8	0	3	2	2	3	2	2	3	0	0	3	0	0	11	2	0	1	1	0	2	2	2	1	2	2
9	2	2	-	4	0	0	2	3	2	0	0	1	0	0	2	0	1	2	0	3	0	2	3	0	1
10	3	7	0	1	2	2	0	0	2	2	0	9	12	15	7	4	5	3	3	3	5	2	2	0	4
11	1	2	11	0	0	0	0	2	0	0	1	-	-	-	0	2	1	0	2	2	1	1	0	1	1
12	1	0	0	0	0	1	1	1	0	0	0	1	3	-	6	5	4	3	8	3	4	1	0	2	2
13	0	3	6	10	12	15	3	5	3	2	2	1	0	2	2	0	0	2	2	3	3	2	3	3	4
14	5	5	3	2	2	2	2	3	2	2	1	2	2	0	1	4	4	5	5	4	0	4	4	4	3
15	3	1	0	0	0	2	2	1	0	0	0	1	0	2	0	0	1	1	0	1	0	2	2	0	1
16	0	0	0	0	0	2	2	2	2	4	5	2	2	2	1	2	0	2	1	0	0	0	0	1	1
17	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	3	2	7	5	7	10	6	7	3
18	4	3	3	3	5	2	4	5	3	2	1	2	3	4	5	5	22	10	3	4	3	4	5	4	3
19	5	6	4	4	4	4	4	4	8	5	5	4	4	3	0	4	5	5	4	5	5	5	3	5	4
20	4	4	6	4	3	2	2	2	3	3	3	4	3	3	4	4	4	6	5	3	4	5	2	2	4
21	3	4	0	0	0	0	0	0	0	1	0	0	0	0	2	8	2	1	0	0	0	2	0	0	1
22	0	0	-	0	0	0	1	4	4	-	5	3	4	4	2	4	3	4	3	2	2	3	3	4	3
23	3	3	3	4	4	7	9	6	5	6	0	9	5	4	5	3	3	3	3	5	3	3	2	4	4
24	5	4	5	4	4	6	4	4	4	5	4	4	4	4	4	3	3	3	3	2	3	0	2	2	4
25	3	2	4	2	0	2	3	3	3	8	8	8	2	2	2	0	1	1	0	2	4	5	4	1	3
26	-	1	2	3	2	2	0	0	0	0	0	3	3	3	3	3	3	3	2	1	0	2	1	3	2
27	2	0	0	0	2	3	0	2	0	0	0	0	0	0	-	0	0	0	0	-	7	0	0	0	1
28	0	0	0	0	4	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1
29	0	0	0	0	0	0	0	0	2	1	1	2	2	2	2	2	2	2	2	1	2	1	2	2	1
30	2	2	2	2	2	0	0	4	3	4	3	4	4	2	3	4	5	3	3	5	0	6	0	0	3
31	0	0	1	1	2	2	3	4	2	2	2	-	-	6	6	6	13	7	2	3	3	3	2	3	3
MEAN	2	2	2	2	2	3	2	3	2	2	2	3	3	3	3	3	4	3	2	3	3	3	2	2	2.5

PERCENTAGE OF DATA VALID - 92.6

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	6	4	2	2	2	3	4	5	4	4	5	4	2	4	6	3	2	1	1	3
2	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	3	3	2	2	4	2	5	2
3	3	7	5	4	5	8	5	3	4	1	1	2	2	1	1	3	2	3	2	2	1	0	0	1	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	0
5	3	2	1	2	3	7	6	6	9	3	2	0	1	2	0	2	3	4	3	5	1	1	0	0	3
6	2	6	5	4	3	4	4	5	-	0	3	2	2	0	0	2	0	0	2	2	3	4	3	8	3
7	7	6	7	6	5	2	3	3	1	1	4	2	2	2	2	2	0	0	2	2	3	4	0	0	2
8	0	0	0	0	0	0	0	1	-	0	2	0	1	1	2	2	2	1	1	2	0	0	0	1	1
9	0	2	2	3	2	3	3	5	1	0	0	1	1	3	2	2	2	3	2	0	2	5	6	7	5
10	5	3	6	5	5	8	8	6	6	4	4	2	2	10	10	3	4	6	4	7	3	2	2	2	5
11	2	0	0	0	0	0	0	2	3	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	1	0	2	2	0	2	0	0	0	4	0	2	4	3	0	4	6	3	5	2	2
13	3	8	11	13	10	3	3	4	10	4	3	3	2	3	2	2	2	2	3	5	8	8	9	10	6
14	10	9	11	11	15	9	11	14	16	14	10	5	8	8	7	5	5	6	4	4	4	4	5	6	8
15	-	-	-	-	-	-	-	-	-	-	-	-	6	6	7	6	7	9	7	10	6	8	3	2	8
16	3	2	0	3	2	2	3	5	3	5	6	6	4	3	3	3	4	4	3	2	5	4	5	7	4
17	6	8	6	6	7	7	6	6	6	9	10	7	8	7	5	-	0	3	1	2	2	3	3	2	5
18	2	11	5	3	4	4	7	8	6	7	6	6	5	5	2	3	3	4	2	4	2	3	3	3	1
19	4	6	5	5	0	0	0	4	4	1	2	2	2	1	2	2	2	3	2	0	0	0	0	0	2
20	0	0	0	0	0	0	0	2	2	1	0	0	1	1	0	0	2	1	0	0	1	-	0	3	1
21	3	3	2	2	0	2	0	2	-	2	5	7	8	4	3	2	2	2	3	0	2	0	0	0	2
22	2	2	1	3	2	2	2	0	0	0	1	1	2	2	2	2	2	2	1	0	2	0	0	3	1
23	1	0	5	0	0	0	0	0	0	2	0	2	2	3	0	0	1	2	0	0	0	3	2	2	1
24	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
26	0	0	0	0	0	0	6	13	10	8	3	7	2	0	1	2	1	0	0	0	0	2	2	2	0
27	1	5	1	0	0	0	2	0	0	0	0	2	1	0	1	2	2	0	0	0	0	1	0	0	2
28	3	2	0	0	0	0	2	2	0	0	1	2	0	0	3	3	2	2	0	0	2	7	2	3	1
29	2	2	2	8	2	2	4	2	2	2	2	1	2	2	0	2	1	2	2	0	2	4	3	3	2
30	3	4	5	3	3	4	7	7	9	8	4	3	3	2	2	3	2	2	3	4	4	3	3	4	4
MEAN	2	3	3	3	2	3	3	4	4	3	3	2	2	3	2	2	2	2	2	2	2	3	2	3	2.6

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049

156 VICTORIA ST NORTH SARNIA

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	10	6	4	6	6	8	4	6	5	5	4	2	4	3	2	2	4	5	5	4	7	5
2	8	9	9	5	4	5	4	7	5	3	2	1	1	0	1	4	3	2	0	3	18	****	****	0	4
3	2	3	0	0	0	0	4	2	2	5	10	11	2	1	5	5	0	0	0	0	16	19	4	0	4
4	0	1	0	2	4	6	6	3	3	5	5	5	6	3	3	3	3	2	2	4	6	4	4	5	4
5	3	3	5	5	4	5	5	5	5	7	3	5	9	7	8	7	4	4	3	5	0	0	0	0	4
6	0	0	0	0	0	0	2	1	1	2	2	2	2	3	2	3	2	2	0	0	0	0	0	0	1
7	0	0	0	0	0	0	1	0	2	2	1	2	0	1	2	0	1	0	1	1	4	2	1	3	1
8	2	3	3	6	2	2	2	2	2	0	2	3	1	2	2	3	3	1	1	7	5	7	5	5	3
9	5	4	5	4	5	3	3	5	3	3	2	1	2	3	2	2	2	2	3	5	4	2	4	7	3
10	6	2	6	5	5	8	9	6	5	4	4	4	0	7	6	6	6	3	4	5	4	5	8	0	5
11	2	0	1	0	0	3	7	3	3	3	0	-	****	-	-	****	2	2	1	0	0	0	3	3	2
12	0	0	1	1	0	2	2	2	2	1	0	0	2	2	2	1	2	1	0	6	2	1	1	2	1
13	3	3	3	4	2	4	7	5	6	9	5	3	5	3	3	4	2	4	3	3	4	1	2	2	4
14	3	3	3	6	5	5	6	8	6	6	6	6	7	6	7	8	5	6	7	6	7	5	5	5	6
15	7	2	2	2	0	0	0	0	5	5	2	2	3	3	5	5	7	7	3	3	3	2	1	1	3
16	2	2	2	2	2	3	2	1	1	2	4	5	4	7	7	6	3	3	3	3	4	4	2	4	3
17	3	3	3	2	8	2	4	6	2	2	3	3	3	1	0	0	0	0	0	0	0	2	0	0	2
18	-	-	-	-	-	-	-	-	****	-	-	-	0	0	0	0	0	2	2	2	1	0	0	0	0
19	-	0	0	0	0	0	1	0	1	0	2	2	2	2	15	5	2	2	2	2	3	8	6	4	3
20	3	4	2	3	4	10	10	10	8	11	6	5	6	6	6	6	8	6	2	2	3	9	6	8	6
21	3	0	0	2	4	4	2	0	0	0	1	0	2	1	2	0	0	0	0	0	0	3	4	2	1
22	4	3	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1
23	2	2	1	0	1	2	0	0	0	0	0	3	1	0	0	0	0	2	2	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	****	****	****	****	****	****	****	****	2	1	3	-	2	2	2	1	2	1	0	0	0	0	0
26	0	0	0	2	0	1	3	0	0	2	1	0	0	2	2	2	1	2	0	0	0	0	2	3	1
27	10	9	5	6	10	11	12	10	7	5	5	4	6	6	4	4	4	4	2	3	1	4	5	8	6
28	4	2	2	1	2	4	3	3	3	1	4	5	5	7	7	6	4	3	4	2	6	2	2	1	3
29	3	1	3	2	3	5	3	5	3	2	4	3	4	3	2	2	3	2	3	1	1	1	0	0	2
30	1	1	2	0	2	2	0	0	1	2	2	2	2	3	3	0	1	0	2	3	0	2	4	3	2
31	0	0	1	0	0	1	3	4	4	3	****	4	3	3	6	3	3	6	2	2	2	2	0	1	2
MEAN	3	2	2	2	3	3	4	3	3	3	3	3	3	3	4	3	2	2	2	2	3	3	2	2	2.8

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049

156 VICTORIA ST NORTH SARNIA

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	3	0	1	3	2	1	1	3	3	0	2	0	3	2	2	3	0	0	1	0	0	1
2	-	-	-	-	-	-	-	-	-	****	-	-	3	4	2	0	0	0	0	0	2	3	2	0	*****
3	2	0	0	0	2	2	6	7	7	4	3	3	4	4	3	8	4	5	1	0	0	2	2	5	3
4	8	4	3	3	2	8	6	5	4	3	5	5	4	4	3	3	4	3	2	1	4	4	2	0	4
5	2	2	2	2	2	2	1	2	2	3	3	2	2	3	3	4	2	2	0	0	0	2	4	7	2
6	8	12	14	10	7	7	8	6	4	3	3	2	2	2	1	1	0	0	0	0	2	8	5	6	5
7	3	6	6	6	7	4	7	8	****	****	6	6	0	8	4	8	3	4	5	4	4	3	6	6	5
8	5	8	2	2	7	7	6	7	6	5	6	5	5	3	5	5	4	2	3	5	5	5	2	2	5
9	3	2	2	2	2	2	5	****	****	****	****	****	****	3	5	7	4	12	7	11	12	6	7	20	6
10	****	8	25	13	7	7	12	12	6	5	4	5	7	5	4	8	3	4	3	7	5	5	6	8	7
11	7	8	7	7	9	7	0	0	3	****	0	3	3	2	7	-	-	1	6	0	0	0	0	0	4
12	0	0	0	0	0	0	2	0	0	0	2	1	1	2	2	3	1	1	0	0	0	0	0	0	1
13	0	0	0	0	0	2	2	3	5	9	6	9	8	9	7	4	5	9	5	8	7	5	4	6	5
14	6	6	5	5	5	6	5	7	6	7	11	7	6	5	5	4	2	3	4	3	4	5	4	4	5
15	-	-	-	-	-	-	-	-	-	****	-	-	7	6	8	7	6	4	4	1	3	7	5	3	*****
16	4	5	4	2	0	4	3	4	6	5	4	6	5	6	1	3	2	1	0	0	0	0	0	0	3
17	0	0	2	1	3	4	3	6	3	2	2	2	2	2	1	2	1	0	0	0	1	3	3	2	2
18	0	0	0	0	2	2	3	4	8	4	4	3	3	5	4	3	3	3	2	2	2	0	0	1	2
19	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	3	0	3	2	0	1	0	0	0	0	0	0	0	0	0	0	2	3	2	1
21	-	-	-	-	-	-	-	-	****	-	-	-	2	****	4	6	4	3	1	1	2	2	0	2	*****
22	2	0	2	3	4	2	2	3	3	3	3	3	3	3	****	13	3	3	2	2	4	3	3	3	3
23	4	5	4	3	4	4	****	4	7	8	12	9	3	4	6	4	4	2	2	2	3	3	4	4	5
24	5	3	2	2	2	4	****	5	3	3	3	3	2	2	2	4	3	2	2	0	2	2	3	2	3
25	3	3	1	3	3	8	6	3	3	0	3	2	2	-	1	2	2	0	2	3	5	2	2	2	3
26	4	3	2	4	4	9	11	5	4	4	3	5	4	3	2	3	2	2	0	1	0	3	3	5	4
27	4	2	3	5	3	4	3	5	3	3	3	3	3	3	5	5	4	4	2	5	3	-	0	6	4
28	1	0	0	0	1	3	2	2	1	3	7	7	3	8	7	6	4	4	7	4	6	4	4	3	4
29	6	2	2	0	2	3	10	9	****	5	2	2	0	1	0	3	2	1	1	0	0	0	0	0	2
30	0	0	0	0	0	2	2	1	1	2	5	3	3	3	3	4	3	5	3	4	1	1	0	0	2
MEAN	3	3	3	3	3	4	4	5	4	4	4	4	3	4	3	4	3	3	2	2	3	3	2	3	3.2

PERCENTAGE OF DATA VALID - 92.4

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 5.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY









ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	3.2	7	13
FEB	29	3.0	8	14
MAR	29	2.5	5	22
APR	29	2.6	8	16
MAY	30	2.8	6	19
JUN	27	3.2	7	25
JUL	27	2.7	7	16
AUG	29	3.0	7	16
SEP	30	2.9	7	31
OCT	29	4.7	26	46
NOV	30	2.9	7	13
DEC	31	3.8	8	13
YEAR	343	3.1	26	46

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	403	146	5	0	0	0	0	554
FEB	519	154	12	0	0	0	0	685
MAR	581	99	8	0	1	0	0	689
APR	557	128	10	1	0	0	0	696
MAY	551	155	5	3	0	0	0	714
JUN	492	159	12	1	1	0	0	665
JUL	530	119	8	1	0	0	0	658
AUG	498	193	6	1	0	0	0	698
SEP	553	132	10	0	0	1	0	696
OCT	491	128	12	11	23	12	3	680
NOV	592	116	3	0	0	0	0	711
DEC	481	222	12	0	0	0	0	715
YEAR	6248	1751	103	18	25	13	3	8161

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.9	0	0.0	1.0	2.1	3.4	6.0	7.7	10.0	13.1	46	3.1

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - JAN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	2	2	2	0	0	0	0	2	2	0	0	2	0	0	0	0	2	3	3	2	1	1
2	0	4	2	2	0	2	2	2	2	1	....	3	5	5	5	5	6	7	5	4	3	3	3	3	3
3	3	2	2	2	1	1	0	1	2	2	2	1	2	2	2	4	5	3	1	1	1	2	2	2	2
4	2	1	1	....	1	0	1	1	0	0	3	0	0	0	0	1	1	2	0	0	1	2	1	0	1
5	0	1	0	0	0	2	2	4	5	4	0	5	2	3	6	2	5	5	....	4	3	4	6	6	3
6	11	3	3	3	4	4	5	6	6	5	5	5	5	4	4	5	5	6	5	4	5	4	5	3	5
7	4	5	4	5	4	5	4	7	7	6	4	0	0	0	0	3	0	0	0	0	0	2	0	0	3
8	6	1	2	0	2	0	3	3	3	1	1	2	2	1	0	3	5	6	4	4	0	4	5	4	3
9	3	5	6	2	2	4	6	4	10	5	3	2	2	3	1	4	6	8	4	4	4	4	4	7	4
10	5	6	4	3	4	3	3	5	5	6	6	3	0	2	2	3	10	5	4	5	4	3	5	0	4
11	4	6	6	5	4	3	4	3	3	4	4	5	5	....	5	6	4	3	2	10	2	2	3	3	4
12	4	3	3	3	2	2	3	3	4	3	2	2	5	1	4	6	5	4	5	4	3	5	6	4	4
13	5	5	5	5	4	4	....	7	9	8	7	7	7	7	9	8	8	6	6	4	5	6	5	2	6
14	1	0	0	0	0	0	2	1	0	0	2	3	3	2	2	2	3	3	4	2	2	2	2	1	2
15	1	0	0	0	0	2	3	4	4	5	4	5	3	3	2	3	....	4	3	3	3	3	5	4	3
16	4	4	4	3	3	3	....	....	4	3	3	3	3	2	2	0	0	3	2	2	2	0	4	2	3
17	2	3	2	2	2	2	3	2	2	3	2	3	2	1	1	....	0	2	9	4	8	5	6	9	3
18	14	7	6	3	8	8	6	8	15	14	16	4	3	4	4	1	2	4	5	6	9	13	13	16	8
19	5	7	2	5	4	5	7	5	5	3	....	5	6	11	5	6	5	5	4	4	3	3	7	6	5
20	3	3	3	0	2	2	3	3	4	3	4	4	3	0	0	2	3	3	3	4	7	4	4	4	3
21	4	3	2	2	2	0	4	4	5	3	3	3	3	3	3	3	1	0	0	2	1	2	....	2	
22	0	0	0	0	0	2	1	2	3	0	0	1	6	2	2	1	3	2	3	2	3	3	4	4	2
23	0	2	2	3	3	4	4	6	2	3	2	5	3	3	4	....	2	4	0	....	4	3	6	2	3
24	2	7	2	3	0	0	3	0	2	5	3	4	4	3	3	5	6	3	4	8	11	13	11	5	5
25	6	2	3	3	3	3	4	4	3	4	4	2	5	3	3	5	5	4	2	2	3	2	0	0	3
26	....	4	0	5	3	....	....	....	....	....	....	3	3	....	3	5	4	4	3	4	2	3	1	3	3
27	2	2	2	2	6	0	2	3	2	2	0	2	1	1	0	2	2	3	2	2	2	2	2	2	2
28	2	2	3	3	3	4	6	5	7	5	4	2	2	3	....	3	4	4	3	3	3	3	5	5	4
29	3	3	3	4	3	2	....	2	2	1	....	0	2	2	0	2	2	2	2	3	1	2	3	6	2
30	3	3	....	4	6	4	4	8	6	....	....	3	3	3	3	3	5	4	4	3	5	4	3	9	4
31	7	12	10	12	9	8	7	4	6	5	5	6	7	5	5	5	10	5	3	2	0	0	2	3	6
MEAN	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	4	4	3	3	3	3	4	4	3.4

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 15001						WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - FEB 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	3	4	3	4	6	5	6	5	6	5	5	3	1	0	0	0	0	0	0	0	0	0	3
2	0	3	3	0	0	0	3	2	0	4	2	0	0	5	0	0	3	2	3	4	....	4	7	7	2
3	0	4	7	4	6	5	4	10	8	7	0	2	3	3	4	3	4	5	5	7	4	3	3	4	4
4	5	4	8	3	3	10	0	6	9	....	7	1	2	2	2	2	2	1	2	1	3	3	9	3	4
5	7	9	9	8	8	6	12	11	4	4	2	3	2	2	11	7	5	0	0	3	-	-	15	4	6
6	2	4	5	5	0	0	1	1	3	3	1	0	2	2	0	2	2	2	0	0	0	0	0	2	2
7	0	1	0	1	0	0	0	3	3	2	3	3	4	4	2	2	5	3	2	9	2	2	2	3	2
8	1	2	3	0	1	3	4	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1
9	2	3	3	10	11	10	13	13	20	20	5	5	....	....	5	3	5	3	4	4	5	3	5	6	7
10	3	2	3	4	4	4	5	8	5	5	6	6	4	5	3	3	6	4	4	4	5	4	4	3	4
11	2	2	1	0	0	0	0	2	2	1	0	2	1	....	0	1	1	0	0	0	1	0	2	2	1
12	0	0	0	2	2	2	1	3	3	3	4	4	4	3	3	3	2	3	2	1	....	0	2	3	2
13	2	2	3	2	3	2	3	4	4	2	0	0	0	0	0	0	0	0	0	2	0	....	2	1	1
14	4	3	3	2	3	4	8	4	8	2	0	2	1	0	0	2	....	2	3	2	2	0	3	6	3
15	0	0	1	2	0	3	3	6	4	4	5	5	4	....	....	4	....	8	3	....	....	0	....	9	3
16	0	0	1	0	0	0	1	4	....	....	....	....	....	....	0	3	2	2	2	2	3	3	4	9	2
17	3	2	3	....	....	....	0	1	4	1	0	1	1	1	....	....	....	....	....	....	....	....	....	....	....
18	0	0	1	2	2	2	2	3	3	....	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
19	0	1	0	1	1	1	0	2	2	2	....	3	3	2	2	1	2	1	0	3	0	1	0	2	....
20	1	0	0	0	0	0	0	2	4	2	0	1	0	2	2	3	3	3	3	3	3	6	3	3	2
21	4	4	2	3	2	3	3	2	4	4	2	6	4	4	8	5	9	4	5	3	6	5	2	3	4
22	2	1	4	4	0	0	0	2	0	0	0	1	0	0	-	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	2	0	3	7	2	3	1	0	2	0	2	3	0	2	1	2	2	3	7	2
24	2	0	3	2	3	2	3	5	3	4	3	3	3	3	4	3	7	2	6	7	6	7	5	8	4
25	6	4	4	3	3	5	5	6	5	4	3	5	3	3	4	4	-	0	5	5	3	3	5	7	4
26	-	5	4	8	6	7	9	13	8	7	0	5	7	7	4	6	9	0	7	5	4	6	6	6	6
27	6	5	3	3	1	0	2	5	4	3	3	0	1	3	0	3	4	2	4	5	4	3	5	3	3
28	3	3	1	0	0	1	0	0	0	0	1	1	0	0	3	3	6	6	5	5	4	4	2	2	2
29	5	5	6	6	9	9	6	6	2	2	5	5	6	6	2	2	2	2	6	6	1	1	2	2	4
MEAN	2	3	3	3	3	3	3	5	5	4	3	3	2	3	2	3	3	2	3	3	3	2	3	4	2.9

PERCENTAGE OF DATA VALID - 93.4

PERCENTAGE OF DATA INVALID - 5.7

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON											MONTH - MAR 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	7	0	1	0	1	0	2	2	2	2	0	-	3	5	4	2	3	0	0	2	0	0	0	3	2					
2	0	0	0	2	0	0	1	2	3	1	2	3	0	0	2	2	-	-	6	2	3	4	5	-	2					
3	2	1	0	0	2	2	2	2	8	0	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****					
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****					
5	5	4	4	3	****	6	6	0	1	****	****	2	2	2	0	1	2	1	0	1	2	0	0	-	2					
6	0	0	2	0	0	2	0	2	1	0	0	2	0	0	0	2	5	2	2	3	0	2	2	0	1					
7	****	-	-	1	0	1	0	0	2	0	****	2	0	0	0	0	****	-	-	-	-	-	6	0	****					
8	0	1	0	2	0	****	0	0	2	0	0	0	1	0	0	1	1	0	10	2	3	3	5	8	2					
9	0	4	-	3	2	3	2	2	3	0	2	2	1	0	2	2	2	2	3	9	2	3	3	4	2					
10	5	8	7	1	5	5	2	2	8	8	2	7	6	7	2	8	5	6	3	3	2	5	3	2	5					
11	2	0	2	0	0	0	1	3	1	0	1	-	-	-	****	2	0	0	0	4	2	1	2	1	1					
12	3	2	2	2	3	2	5	4	4	4	****	****	3	-	****	5	4	5	6	4	****	0	5	3	3					
13	2	2	0	1	2	0	3	0	0	2	1	0	0	2	2	0	0	2	0	0	3	2	4	5	1					
14	4	1	4	3	2	1	2	2	0	1	2	2	1	2	2	3	2	2	2	3	0	0	3	0	2					
15	0	2	0	0	2	0	0	3	0	****	2	0	0	0	0	0	0	0	0	2	2	0	9	1	1					
16	3	0	2	0	2	3	2	3	2	4	1	2	2	1	3	2	0	0	3	0	2	0	0	1	2					
17	0	0	1	0	1	1	0	****	0	2	0	0	2	0	0	2	3	0	3	0	6	5	11	10	2					
18	2	5	3	4	3	3	3	6	2	3	3	3	2	5	4	4	6	6	4	4	3	5	5	6	4					
19	3	3	3	3	3	3	3	4	4	4	4	3	4	5	5	4	4	3	3	3	4	5	5	3	4					
20	4	4	4	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3	2	2	2	2	1	3					
21	0	0	2	0	0	1	0	0	1	0	0	1	0	0	0	1	0	0	0	1	3	0	0	1	0					
22	0	0	-	2	0	0	2	0	0	-	2	0	0	0	0	0	2	2	2	3	4	3	6	9	2					
23	1	1	4	0	3	5	4	6	4	3	3	4	3	2	2	3	1	0	5	3	7	4	4	3	3					
24	3	4	3	4	3	4	5	5	4	2	3	3	3	3	3	3	3	2	2	2	2	4	2	2	3					
25	2	2	0	2	0	3	2	1	3	2	1	1	2	2	2	1	1	0	1	1	3	3	5	3	2					
26	-	3	2	-	-	-	-	****	4	4	6	3	5	3	4	3	4	3	3	3	2	2	2	2	3					
27	2	2	0	2	4	1	2	3	3	3	2	2	2	0	-	2	0	0	0	-	4	0	0	0	2					
28	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	3	3	3	2	1					
29	0	1	1	3	1	0	2	3	2	****	3	3	2	3	3	2	2	3	2	3	3	3	5	3	2					
30	2	2	3	3	2	****	2	5	4	4	4	4	1	2	5	2	4	3	4	3	2	0	1	0	3					
31	2	0	0	1	1	3	2	3	3	2	2	-	-	****	2	3	4	3	5	2	1	1	2	2	2					
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3	3	2.1					

PERCENTAGE OF DATA VALID - 89.0

PERCENTAGE OF DATA INVALID - 5.9

PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001				WESTERN FAIR GROUNDS KING/RECTORY, LONDON														MONTH - APR 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	2	3	0	3	2	3	4	3	3	2	0	3	2	2	3	2	4	4	2	2	3	4	3	2			
2	0	0	0	2	0	0	0	0	1	1	0	0	0	3	-	***	0	0	0	1	1	2	4	6	1			
3	6	4	2	2	4	3	5	5	6	4	1	2	2	2	1	1	3	2	3	2	5	0	0	0	3			
4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	2	1	1	0			
5	0	0	0	0	0	0	3	5	3	3	***	2	0	1	1	1	1	2	0	3	5	5	3	3	2			
6	0	2	2	0	0	0	3	3	-	****	0	0	0	0	0	0	0	0	0	2	***	0	4	3	1			
7	2	2	3	3	4	0	6	0	0	0	0	0	2	0	***	0	1	0	0	0	2	0	0	2	1			
8	2	1	2	3	2	3	2	2	-	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	1			
9	0	2	2	2	2	2	***	8	1	1	0	1	0	0	0	0	***	19	***	***	***	***	***	***	3			
10	***	***	4	2	***	***	3	3	3	***	4	3	3	3	3	3	2	2	2	3	3	2	3	***	3			
11	0	1	0	0	0	0	0	0	2	0	0	6	0	0	0	0	0	0	0	0	0	2	1	1	1			
12	0	3	3	2	0	2	5	3	1	0	***	2	0	2	0	1	2	1	0	1	3	3	5	4	2			
13	3	2	2	2	2	2	2	2	3	3	2	3	2	2	1	2	2	2	4	5	7	4	5	4	3			
14	4	5	5	6	9	9	12	12	10	8	7	7	3	0	6	4	3	4	5	5	5	4	5	5	6			
15	6	5	5	4	5	5	6	5	6	5	5	6	5	4	2	7	4	4	4	6	5	3	2	3	5			
16	3	1	0	0	0	0	2	0	2	2	3	3	3	3	3	3	4	4	4	4	7	5	4	3	3			
17	3	6	7	5	5	8	5	5	4	3	4	4	4	3	2	-	0	3	3	5	4	4	2	3	4			
18	4	4	4	3	2	6	4	4	4	3	2	2	2	2	3	2	2	2	3	3	3	2	2	4	3			
19	3	2	3	3	2	2	4	3	2	1	1	1	1	0	3	2	2	2	2	1	2	1	2	2	2			
20	1	1	***	0	0	0	0	2	2	0	0	2	0	0	1	0	0	0	2	4	2	-	0	2	1			
21	3	1	2	2	1	3	3	5	-	3	5	4	5	5	4	3	3	2	2	2	2	3	4	0	3			
22	3	0	3	2	3	2	2	2	1	2	0	2	2	0	2	2	0	2	0	3	0	0	0	2	1			
23	0	0	1	0	0	2	0	0	0	2	1	0	0	1	0	0	0	0	2	5	2	2	2	3	1			
24	0	2	2	0	0	2	2	1	0	0	0	0	1	2	1	1	5	0	1	2	0	0	0	1	1			
25	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	2	3	0	1			
26	0	0	2	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0			
27	1	2	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	2	3	0	1			
28	2	0	0	0	2	3	3	0	0	3	1	1	1	2	2	2	2	2	0	0	1	1	3	3	1			
29	1	1	2	3	2	2	2	0	0	0	0	0	0	0	0	0	1	0	0	2	2	4	4	6	1			
30	6	7	8	7	6	9	12	8	3	2	3	2	3	2	2	2	2	3	2	3	2	2	2	2	4			
MEAN	2	2	2	2	2	2	3	3	2	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2.0			

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 2.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - MAY 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	2	4	2	3	6	5	8	3	5	5	2	4	4	5	3	0	4	4	4	7	1	4	
2	4	4	4	4	5	6	3	3	2	0	2	2	0	2	0	2	1	3	0	3	0	0	0	0	2	
3	0	2	0	0	0	0	1	1	0	7	2	0	0	1	3	3	2	2	0	0	0	2	0	0	1	
4	0	0	1	0	0	0	0	1	0	0	2	1	2	2	1	3	0	2	0	3	1	4	2	2	1	
5	3	2	2	4	3	3	3	1	2	4	3	3	3	4	5	5	6	3	3	3	2	1	3	0	3	
6	2	0	0	0	0	0	2	2	2	0	0	1	2	2	2	1	2	3	2	3	0	0	2	0	1	
7	0	1	***	0	0	***	1	1	0	0	0	2	1	2	0	3	0	0	3	0	0	0	5	0	1	
8	0	1	2	3	0	0	2	2	1	0	1	2	0	0	1	2	0	0	2	2	0	4	2	2	1	
9	2	2	2	4	7	5	3	2	2	2	0	2	0	2	0	1	0	0	2	2	6	5	7	3	3	
10	6	0	2	3	9	8	6	6	0	3	3	3	3	4	3	2	2	2	3	4	4	4	3	4	4	
11	0	2	2	0	2	2	1	5	4	2	3	-	***	-	-	***	0	0	2	2	0	1	1	0	2	
12	0	0	0	0	0	2	2	1	2	2	0	0	0	2	0	2	0	0	1	3	3	4	4	2	1	
13	1	2	3	3	2	3	4	4	4	3	3	3	2	2	2	2	2	3	4	2	3	2	1	3	3	
14	3	2	4	7	5	7	7	4	2	4	2	3	3	2	3	2	3	2	6	5	5	7	6	5	4	
15	3	4	2	2	2	2	6	6	3	3	2	2	4	4	2	2	1	1	2	2	0	5	4	1	3	
16	1	1	0	0	0	0	2	2	2	2	1	1	3	3	0	0	4	4	3	3	3	2	3	2	2	
17	2	0	2	0	3	4	4	4	0	3	2	2	2	0	0	0	0	0	0	0	1	0	0	0	1	
18	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	
19	-	0	0	0	2	0	0	0	1	0	0	1	1	0	2	0	0	0	0	0	1	2	4	3	1	
20	2	3	0	3	0	4	5	7	2	5	3	5	3	5	4	3	3	2	3	2	4	3	5	7	3	
21	3	0	0	1	0	2	1	0	0	0	0	1	0	***	2	0	0	1	0	0	1	0	2	2	1	
22	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	
23	2	1	0	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	2	1	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	3	0	1	0	
25	3	1	3	2	2	0	3	2	2	0	0	0	-	0	2	0	2	2	2	3	2	2	3	2	2	
26	0	2	3	3	3	3	0	3	1	1	0	0	1	0	0	1	0	2	2	1	0	4	3	5	2	
27	7	6	6	4	5	9	9	4	0	0	0	2	2	2	1	3	2	2	2	3	4	4	5	7	4	
28	5	5	7	5	7	4	7	4	0	2	4	0	2	1	3	2	2	2	2	5	3	3	3	2	3	
29	3	4	3	2	2	3	4	1	0	2	0	2	0	2	2	2	0	2	1	1	1	2	4	2	2	
30	2	3	0	2	1	2	0	2	0	0	2	0	3	1	1	1	0	1	2	2	1	5	2	1	1	
31	2	1	3	0	2	0	3	3	5	3	***	4	2	4	1	2	1	0	1	2	2	4	4	0	2	
MEAN	2	2	2	2	2	2	3	3	1	2	1	2	2	2	2	2	1	1	2	2	2	3	3	2	1.9	

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - JUN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	3	2	1	0	2	2	2	2	0	0	0	4	1	4	1	1	1	0	1	1	3	3	4	3	2		
2	3	2	4	4	3	4	6	2	23	0	1	0	0	0	2	0	0	2	0	0	2	6	5	5	3		
3	3	3	2	3	4	0	4	3	2	3	2	2	0	0	0	0	0	0	0	2	2	3	3	2			
4	6	4	6	7	6	12	7	5	18	0	2	2	2	1	2	2	2	1	2	0	2	2	0	2	4		
5	1	3	1	2	3	2	2	2	2	2	2	2	1	0	0	0	1	1	2	2	2	3	3	4	2		
6	5	5	3	4	3	3	2	6	8	1	2	0	2	0	0	0	0	1	0	0	0	0	0	0	2		
7	0	2	1	1	4	3	4	2	***	***	1	3	2	2	3	2	2	2	2	3	7	6	4	5	3		
8	4	3	3	4	3	3	4	3	3	2	2	3	2	2	2	2	2	2	2	3	5	4	3	3	3		
9	2	3	3	2	2	2	2	3	2	2	3	2	3	2	3	2	3	3	3	3	3	4	2	3	3		
10	***	2	3	2	2	5	5	5	5	5	0	3	3	3	4	4	3	2	2	3	***	5	5	4	3		
11	4	3	3	4	5	5	6	4	3	3	3	2	2	2	-	-	-	4	0	0	0	0	0	0	3		
12	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	3	1	0		
13	0	0	3	0	3	0	4	0	3	3	3	4	4	4	4	4	5	5	7	6	5	5	5	4	3		
14	4	4	4	4	5	5	5	4	5	4	3	***	3	0	4	4	3	2	2	3	3	5	5	4	4		
15	4	4	4	2	5	4	4	1	4	5	5	4	4	4	3	2	3	3	3	3	3	3	2	2	3		
16	2	0	1	0	0	0	2	3	4	4	2	3	3	3	3	2	2	2	2	2	0	0	2	0	2		
17	2	5	0	0	2	1	4	0	2	2	1	0	0	0	0	1	1	2	1	3	3	4	5	6	2		
18	5	8	3	4	7	6	8	4	21	5	5	4	4	4	4	4	3	3	5	4	4	5	5	3	5		
19	0	0	2	2	1	0	2	0	0	2	2	3	1	0	0	0	0	0	0	2	1	2	4	2	1		
20	2	1	0	2	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	3	1	0	1		
21	2	2	1	1	2	0	2	6	***	2	2	2	2	***	2	1	1	2	2	2	2	3	5	3	2		
22	2	3	3	2	4	3	5	5	4	4	3	4	3	4	***	6	3	3	3	2	5	7	10	9	2		
23	9	8	8	9	8	8	10	9	7	5	5	3	3	3	2	3	3	2	4	3	5	6	8	7	6		
24	6	7	8	5	7	7	***	10	8	5	3	3	4	5	4	5	3	3	2	2	2	2	1	0	4		
25	0	0	0	1	2	2	-	2	0	2	3	2	3	2	0	1	2	0	1	2	2	2	3	2	1		
26	3	3	2	2	5	3	3	2	2	3	3	3	3	2	2	2	3	2	2	1	2	0	2	3	2		
27	2	2	3	2	3	2	2	3	2	2	3	3	3	3	1	3	3	3	3	4	3	-	0	2	2		
28	2	5	2	2	2	3	3	3	2	0	***	0	***	0	0	0	0	***	***	0	0	***	***	***	1		
29	***	***	***	***	***	14	14	***	***	2	2	2	2	2	1	1	2	0	0	1	2	4	3	3	2		
30	4	3	1	0	2	2	0	2	2	3	0	2	0	2	***	1	3	0	2	10	2	1	2	0	3		
MEAN	3	3	3	2	3	3	4	3	5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2.5		

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - JUL 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	7	17	0	14	0	0	2
2	0	0	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	0	0	0	1	1	2	0	1
3	0	1	0	2	0	2	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0
4	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	1	1
5	0	0	2	1	2	5	6	3	2	0	2	2	2	2	1	1	3	3	3	3	4	4	4	4	2
6	4	7	4	3	3	6	8	5	6	4	1	2	2	1	1	8	1	2	2	3	3	4	4	4	4
7	5	5	6	4	3	15	9	5	4	5	2	3	3	0	3	3	1	2	4	4	2	0	7	2	4
8	0	3	0	18	2	3	3	7	2	16	0	0	0	0	0	0	0	0	1	0	0	0	0	-	2
9	2	0	0	0	0	2	3	3	0	0	0	0	0	0	0	2	1	1	27	31	15	3	2	3	4
10	20	27	0	2	2	17	18	4	1	2	17	2	3	2	3	2	3	12	24	46	26	3	4	3	10
11	3	3	3	****	8	2	1	1	3	2	2	1	30	2	2	1	0	0	0	0	0	0	0	0	3
12	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	2	0	0	-	12	0	-	3	0	0	0	0	0	****	0	0	6	0	4	0	1
14	3	3	2	2	4	0	17	7	8	4	2	3	3	2	3	5	2	2	3	6	3	5	3	3	4
15	3	4	0	3	3	4	7	-	4	-	-	0	3	3	2	2	2	10	0	6	3	3	3	4	3
16	1	2	2	2	4	3	3	3	1	2	0	0	2	0	0	8	0	0	0	15	0	2	3	****	2
17	18	0	2	0	3	2	2	0	3	0	0	0	****	****	****	****	0	2	3	2	1	****	****	****	2
18	****	****	34	2	0	2	2	****	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	2	3	3	3	3	5	3	4	5	3	2	3	4	3	3	3	3	2	2	3	2	0	2	3	3
21	2	1	2	1	0	0	3	1	2	4	0	2	2	3	3	2	2	2	1	2	3	3	2	0	2
22	2	0	0	0	0	2	3	4	3	****	****	2	3	2	2	3	2	0	3	3	3	2	2	3	2
23	3	5	6	5	7	6	13	-	-	-	0	3	3	4	3	3	3	2	2	3	3	0	0	1	4
24	2	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	2	0	2	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3	2	2	1
26	2	2	2	3	0	3	3	5	****	4	3	3	3	3	3	3	2	2	2	2	1	2	2	3	3
27	3	4	-	-	-	-	-	-	5	2	0	4	2	0	0	0	0	0	0	0	2	7	5	4	2
28	3	3	8	0	3	5	9	5	6	4	5	-	0	2	3	3	2	2	3	****	****	****	****	****	4
29	****	****	****	****	****	****	****	****	****	****	0	0	2	1	2	3	2	0	0	0	1	2	0	0	****
30	0	0	0	2	0	0	2	1	2	0	0	1	1	0	0	0	1	2	2	3	0	2	3	3	1
31	2	2	0	2	3	3	2	2	3	2	3	0	0	0	0	0	0	0	0	0	0	2	0	0	1
MEAN	3	3	3	2	2	3	4	3	3	2	2	1	3	1	1	2	1	2	3	5	3	3	2	2	2.4

PERCENTAGE OF DATA VALID - 90.2

PERCENTAGE OF DATA INVALID - 7.7

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - AUG 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	1	0	1	0					
2	2	0	0	2	4	9	6	5	4	3	0	0	0	0	0	0	0	0	0	0	1	2	0	3	2					
3	4	3	2	2	4	3	11	8	2	1	2	1	1	0	0	2	2	1	2	2	3	4	2	2	3					
4	3	3	2	3	3	5	11	5	3	2	2	***	4	3	3	4	3	2	3	4	4	5	6	3	4					
5	3	3	3	5	4	4	4	4	-	0	3	3	5	0	3	4	4	3	3	3	1	0	0	0	3					
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0						
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0						
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	2	3	3	2	0						
9	0	0	0	0	-	1	4	2	0	0	0	6	0	0	0	0	1	0	0	1	2	2	2	3	1					
10	2	1	2	2	2	3	4	3	0	0	0	2	2	2	1	0	0	0	0	0	0	3	3	3	1					
11	3	3	2	2	2	3	4	5	5	5	4	4	4	4	4	4	3	3	3	3	2	4	4	3	3					
12	3	3	3	5	4	6	5	5	3	4	4	4	4	3	3	3	3	2	3	3	4	2	2	2	3					
13	2	2	2	0	1	1	3	2	2	2	3	3	3	3	0	0	2	0	0	0	2	1	1	2	2					
14	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1	2	0					
15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0					
16	0	2	0	0	0	3	3	2	0	7	0	0	0	0	0	0	0	0	0	-	4	2	-	3	1					
17	7	4	3	6	7	6	7	3	3	0	4	2	0	2	0	0	0	1	3	1	2	5	4	3	3					
18	3	3	3	3	4	5	7	7	0	2	2	2	1	1	1	2	1	0	0	4	3	4	6	9	3					
19	7	7	6	7	6	5	8	10	9	4	4	2	2	3	2	3	2	2	3	4	3	4	3	5	5					
20	7	7	****	6	7	8	11	10	8	****	4	3	3	4	4	4	4	4	5	6	6	7	8	9	6					
21	10	10	9	8	8	6	5	6	6	6	3	4	3	3	3	3	3	3	4	4	4	5	7	10	6					
22	8	7	6	7	6	6	6	6	4	4	3	3	3	2	2	3	3	-	0	4	4	4	4	4	4					
23	3	3	2	0	1	0	1	1	2	2	3	3	3	3	3	3	3	3	2	2	1	0	1	0	2					
24	0	0	0	0	0	1	2	2	0	1	1	0	0	0	0	0	0	0	1	2	2	1	2	3	1					
25	****	3	3	2	3	****	****	****	****	3	2	2	2	2	2	3	2	2	2	3	4	7	6	5	3					
26	5	0	6	7	9	8	12	14	13	11	4	3	0	4	5	6	5	5	4	5	5	7	7	5	6					
27	3	2	2	2	2	3	4	4	4	3	3	3	3	3	4	3	3	3	3	3	3	2	2	2	3					
28	3	2	3	3	2	2	3	3	3	3	3	2	3	2	2	1	2	0	2	2	1	2	0	0	2					
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	4	1					
30	2	2	3	2	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	6	4	1					
31	5	6	7	6	6	7	9	14	5	0	3	3	3	2	3	2	3	2	0	4	3	3	3	2	4					
MEAN	3	2	2	3	3	3	4	4	3	2	2	2	2	1	1	2	2	1	2	2	2	3	3	3	2.4					

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY







ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	8	16
FEB	28	2.9	7	20
MAR	28	2.1	5	11
APR	30	2.0	6	19
MAY	31	1.9	4	9
JUN	30	2.6	6	23
JUL	28	2.4	10	46
AUG	31	2.4	6	14
SEP	27	2.6	6	19
OCT	29	2.6	6	13
NOV	30	3.0	6	19
DEC	31	2.9	6	13
YEAR	354	2.6	10	46

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	535	168	12	2	0	0	0	717
FEB	504	136	8	2	0	0	0	650
MAR	595	66	1	0	0	0	0	662
APR	617	72	3	1	0	0	0	693
MAY	668	63	0	0	0	0	0	731
JUN	590	95	3	1	2	0	0	691
JUL	602	45	7	9	5	2	1	671
AUG	623	100	8	0	0	0	0	731
SEP	530	90	10	2	0	0	0	632
OCT	587	88	7	0	0	0	0	682
NOV	571	126	8	2	0	0	0	707
DEC	587	128	4	0	0	0	0	719
YEAR	7009	1177	71	19	7	2	1	8286

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.3	0	0.0	0.6	1.8	2.8	4.9	6.4	8.5	10.7	46	2.6

UNITS - 0.1 COHS/1000 FT

MONTH - JAN 76

PERCENTAGE OF DATA UNAVAILABLE - 0.7

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

MONTH - FEB 76

PERCENTAGE OF DATA UNAVAILABLE - 0.9

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

PS VICTORIA/LEADER NIAGRA FLS

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	0	0	0	1	0	0	0	2	0	3	0	0	0	1	2	2	2	2	2	2	2	1
2	3	3	4	0	1	2	0	2	4	2	0	0	2	0	2	3	1	2	0	2	2	3	2	2	2
3	2	2	2	2	1	3	2	...	4	1	4	5	4	6	11	5	8	-	0	7	9	13	14	9	2
4	10	4	2	1	3	3	2	3	3	4	5	2	0	3	0	0	4	4	2	2	3	3	3	4	3
5	4	7	6	5	3	5	2	6	9	4	3	0	3	1	1	3	0	0	6	4	2	4	5	-	3
6	0	1	1	2	3	4	0	2	0	1	3	2	2	0	0	2	2	2	1	1	0	2	2	3	4
7	2	-	-	2	2	2	2	2	2	3	2	2	3	4	1	3	3	0	1	1	0	0	3	4	2
8	0	5	5	4	...	...	6	8	5	2	10	9	3	3	2	4	3	2	3	1	1	5	4	4	4
9	3	3	-	6	14	9	7	6	5	...	7	5	3	2	3	3	2	0	3	5	5	2	5	5	5
10	2	0	5	2	5	5	2	2	3	3	2	3	5	5	5	6	7	6	5	4	8	5	6	11	4
11	8	5	8	6	4	5	5	4	4	5	3	-	-	-	...	2	0	1	3	0	2	2	3	3	4
12	4	3	16	4	3	4	3	6	4	5	7	8	10	-	...	5	3	4	2	3	3	3	3	2	2
13	3	2	3	1	1	3	1	1	2	0	2	2	2	2	4	3	4	2	2	3	0	3	2	3	2
14	1	4	2	2	2	2	2	2	2	3	2	2	1	2	1	3	2	3	1	0	2	1	3	0	2
15	2	1	2	2	7	2	4	4	6	8	5	3	3	2	2	2	1	1	2	0	2	2	3	2	3
16	2	2	2	3	2	3	4	7	2	2	4	2	2	0	2	1	2	0	5	8	0	2	2	3	3
17	3	3	6	6	2	3	3	3	3	3	2	4	3	3	4	6	6	3	3	4	2	2	4	4	4
18	7	5	4	3	2	2	5	5	6	4	3	3	3	2	3	4	4	3	4	3	6	6	4	5	4
19	5	5	5	7	4	4	4	5	6	5	7	5	3	6	6	4	5	4	3	6	3	3	4	3	5
20	3	5	4	3	3	2	3	5	4	5	5	5	5	5	4	4	3	0	3	3	3	0	0	1	3
21	0	1	0	0	0	2	0	2	3	2	2	2	1	2	2	2	2	2	1	2	5	2	1	0	2
22	3	2	-	6	1	2	0	1	0	-	3	2	1	5	2	2	0	2	1	2	2	3	3	3	2
23	2	2	3	2	3	4	4	2	6	6	6	5	6	2	3	3	3	2	6	5	3	4	4	4	2
24	4	3	3	2	2	4	3	7	5	5	6	5	5	6	4	5	5	4	3	4	2	3	3	5	4
25	3	3	3	3	3	2	2	3	4	5	6	5	4	3	2	2	4	3	5	6	5	3	1	4	4
26	...	...	...	...	...	...	...	...	...	...	13	8	6	3	2	3	5	4	4	5	4	3	3	2	...
27	2	2	2	2	2	3	3	3	3	2	3	2	3	3	-	2	1	1	0	-	0	0	0	0	2
28	1	0	1	1	0	1	3	2	2	1	2	3	3	2	2	2	0	2	2	5	2	4	5	8	2
29	8	8	6	6	9	6	7	6	5	2	4	4	3	3	3	4	5	4	4	3	4	3	4	3	5
30	3	3	3	3	3	...	7	13	9	14	9	3	2	4	6	3	2	2	2	6	3	3	3	3	5
31	2	1	2	3	2	2	2	2	3	0	4	-	-	...	4	3	3	2	2	2	2	3	3	0	2
MEAN	3	3	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	2	3	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.     "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27013

PS VICTORIA/LEADER NIAGRA FLS

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	3	5	3	3	4	4	4	2	3	3	0	....	2	2	2	2	1	2	2	3	2
2	0	1	2	2	0	1	3	3	5	5	0	2	0	2	0	....	6	0	2	2	4	5	9	0	2
3	3	1	3	3	3	2	2	1	3	3	2	3	2	2	3	2	2	0	2	2	4	1	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2	4	1	0	2	3	1
5	2	2	2	3	2	2	1	3	4	3	2	4	2	3	4	4	3	0	0	1	0	2	3	6	1
6	4	3	4	7	5	6	5	7	....	5	3	2	0	3	0	4	0	0	2	4	1	1	2	2	3
7	7	5	5	4	2	2	0	2	0	0	5	2	3	2	0	4	0	0	1	0	0	4	6	3	2
8	3	2	0	0	2	1	2	0	0	0	1	0	0	1	1	0	0	0	0	0	0	2	2	1	2
9	3	3	0	0	0	2	0	0	0	1	0	0	6	....	2	0	1	0	4	5	3	4	2	2	1
10	2	2	2	3	3	3	3	3	2	3	4	6	4	4	6	5	4	3	3	3	4	2	3	2	2
11	2	2	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0
12	0	0	0	0	0	0	0	2	0	2	3	3	2	4	3	2	2	2	3	2	4	4	5	3	2
13	2	3	3	3	4	4	4	3	3	2	3	3	4	4	0	....	5	4	2	4	4	5	6	3	2
14	7	8	6	6	5	5	6	8	9	6	5	7	6	5	5	5	9	5	7	6	8	5	6	5	6
15	6	6	4	5	4	4	3	4	8	7	5	5	4	4	5	7	5	4	3	5	7	6	5	3	5
16	4	4	4	4	4	5	7	4	4	2	2	2	2	5	5	4	5	4	5	6	5	5	4	3	4
17	6	6	7	5	6	6	6	6	5	6	6	6	5	4	2	....	0	4	4	5	7	4	5	8	5
18	5	4	6	6	6	5	4	4	6	3	4	6	4	3	2	2	2	3	4	3	6	4	4	4	4
19	4	6	1	1	2	2	2	6	5	6	11	3	3	3	3	3	2	2	2	6	5	11	6	7	4
20	5	6	....	8	2	0	0	2	3	0	0	0	0	3	1	2	2	2	4	4	9	....	3	10	3
21	7	4	6	4	8	3	3	3	....	7	5	9	5	3	....	4	9	9	11	15	7	9	8	6	7
22	2	2	....	1	1	2	3	2	3	3	3	0	2	0	2	1	2	2	2	3	3	2	3	2	2
23	4	4	3	0	0	1	0	3	2	3	1	2	1	3	0	4	4	2	2	3	2	5	2	2	2
24	2	1	0	1	2	0	2	1	3	4	5	5	3	1	0	2	2	4	4	3	3	2	3	3	2
25	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	2	2	2	3	2	1	....	3	2	2	2	2	5	3	3	2	2
27	3	2	2	2	4	3	3	3	1	2	1	2	1	1	2	2	2	2	3	1	5	0	2	1	2
28	2	0	2	6	5	9	4	4	3	3	3	2	0	0	0	0	0	0	2	2	2	2	0	0	2
29	2	2	1	2	2	4	5	5	4	2	3	0	1	2	2	3	2	2	2	4	3	2	6	4	3
30	5	6	5	5	7	9	10	9	5	7	3	2	1	2	2	1	0	2	2	4	5	4	6	7	5
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	2	3	3	4	3	4	4	2

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.    " " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY









ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	6	14
FEB	29	3.8	11	30
MAR	30	3.2	5	16
APR	30	2.8	7	15
MAY	31	2.5	5	14
JUN	30	3.8	6	16
JUL	30	2.5	5	13
AUG	31	3.5	7	17
SEP	30	3.4	7	14
OCT	31	2.8	6	12
NOV	30	3.5	7	15
DEC	31	5.1	12	21
YEAR	364	3.4	12	30

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	517	206	10	0	0	0	0	733
FEB	472	197	8	1	6	0	0	684
MAR	551	151	8	1	0	0	0	711
APR	553	148	4	0	0	0	0	705
MAY	621	105	7	0	0	0	0	733
JUN	466	227	16	1	0	0	0	710
JUL	612	99	3	0	0	0	0	714
AUG	491	225	11	2	0	0	0	729
SEP	495	197	7	0	0	0	0	699
OCT	585	135	9	0	0	0	0	729
NOV	514	186	10	0	0	0	0	710
DEC	412	228	64	13	1	0	0	718
YEAR	6289	2104	157	18	7	0	0	8575

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.6	0	0.0	1.4	2.4	3.7	6.3	7.9	10.2	12.1	30	3.4















ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.3	5	24
FEB	29	2.8	6	35
MAR	31	2.1	4	14
APR	30	2.9	7	20
MAY	31	2.0	5	26
JUN	27	2.7	6	40
JUL	31	2.0	5	10
AUG	31	2.6	6	21
SEP	30	2.9	8	23
OCT	31	3.0	9	21
NOV	30	3.2	6	19
DEC	31	3.3	11	17
YEAR	363	2.7	11	40

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	575	134	12	2	2	0	0	725
FEB	565	111	5	0	0	1	0	682
MAR	628	87	2	0	0	0	0	717
APR	544	139	21	4	0	0	0	708
MAY	639	83	5	0	1	0	0	728
JUN	533	119	5	1	0	1	0	659
JUL	635	90	0	0	0	0	0	725
AUG	572	146	4	2	1	0	0	725
SEP	563	131	9	3	1	0	0	707
OCT	529	151	17	6	1	0	0	704
NOV	532	161	11	3	0	0	0	707
DEC	551	145	21	2	0	0	0	719
YEAR	6866	1497	112	23	6	2	0	8506

FREQUENCY DISTRIBUTION BY PERCENTILES

DISTRIBUTION BY PERCENTILES				CONCENTRATIONS							ARITH MEAN
PERCENT OF DATA VALID	MIN	10	30	FREQUENCY DISTRIBUTION, PERCENT							
				50	70	90	95	98	99	MAX	
96.8	0	0.0	0.4	1.9	3.0	5.5	7.0	9.5	11.6	40	2.7

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 29008					NORTH PARK HAMILTON					MONTH - JUN 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA	UNAVAILABLE	-										
2												-	DATA	UNAVAILABLE	-										
3												-	DATA	UNAVAILABLE	-										
4												-	DATA	UNAVAILABLE	-										
5												-	DATA	UNAVAILABLE	-										
6												-	DATA	UNAVAILABLE	-										
7												-	DATA	UNAVAILABLE	-										
8												-	DATA	UNAVAILABLE	-										
9												-	DATA	UNAVAILABLE	-										
10												-	DATA	UNAVAILABLE	-										
11												-	DATA	UNAVAILABLE	-										
12												-	DATA	UNAVAILABLE	-										
13												-	DATA	UNAVAILABLE	-										
14												-	DATA	UNAVAILABLE	-										
15												-	DATA	UNAVAILABLE	-										
16												-	DATA	UNAVAILABLE	-										
17												-	DATA	UNAVAILABLE	-										
18												-	DATA	UNAVAILABLE	-										
19												-	DATA	UNAVAILABLE	-										
20												-	DATA	UNAVAILABLE	-										
21												-	DATA	UNAVAILABLE	-										
22												-	DATA	UNAVAILABLE	-										
23	-	-	-	-	-	-	-	-	-	-	5	4	4	5	5	8	3	3	3	3	5	6	8	5	*****
24	5	6	7	7	5	7	****	6	11	24	20	17	7	16	18	25	15	8	7	3	2	2	1	10	10
25	12	8	5	9	11	17	10	9	11	10	10	12	13	11	11	10	7	6	5	8	13	10	11	13	10
26	9	7	9	6	11	18	15	11	11	7	5	7	8	9	9	9	9	11	5	2	1	8	3	2	8
27	3	6	7	8	9	8	4	4	3	4	4	1	0	0	0	2	5	6	13	11	13	-	4	12	6
28	10	7	10	9	9	13	16	16	15	3	2	0	3	16	16	13	1	2	2	4	2	2	5	4	8
29	3	4	7	5	12	24	18	8	5	3	3	4	4	4	19	18	7	3	5	2	1	1	3	2	7
30	1	2	6	7	8	20	15	4	3	7	5	3	2	3	3	5	2	3	2	3	9	11	10	10	6
MEAN	6	6	7	7	9	15	13	8	8	8	7	6	5	8	10	11	6	5	5	5	6	6	6	7	7.5

PERCENTAGE OF DATA VALID - 25.0

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 74.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 29008					NORTH PARK HAMILTON										MONTH - JUL 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	8	7	6	6	2	0	2	6	4	11	10	7	8	8	8	4	2	4	4	7	8	9	8	6	6					
2	7	12	9	7	12	11	9	7	6	10	11	7	6	5	4	5	3	5	3	4	4	2	3	3	6					
3	2	2	2	7	10	5	3	2	3	3	3	5	2	0	0	0	0	0	0	0	2	2	1	2	2					
4	2	1	0	2	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	1	9	22	13	2					
5	****	****	****	****	****	****	****	****	****	0	16	19	16	24	7	5	6	3	3	8	13	16	10	14	13	11				
6	16	17	14	21	12	20	23	19	20	21	16	17	17	2	3	2	13	14	5	9	13	11	15	14	14					
7	18	12	12	12	15	14	15	14	18	21	20	20	14	16	13	14	15	5	4	4	14	13	14	15	14					
8	18	13	13	10	7	14	11	11	18	16	16	15	15	4	11	3	0	0	0	0	2	2	0	-	9					
9	0	1	5	5	10	14	15	15	14	14	6	0	0	0	0	1	2	1	6	8	10	14	5	7	6					
10	7	5	6	6	10	10	13	11	15	12	9	10	9	7	7	5	5	5	3	4	6	6	5	7	8					
11	4	6	4	5	4	7	8	13	7	5	4	4	4	6	4	6	2	2	2	3	2	3	5	3	5					
12	3	3	4	4	5	11	9	10	11	11	13	10	****	18	11	10	9	8	6	4	6	7	7	4	8					
13	4	7	11	7	8	6	9	10	12	11	12	14	13	15	****	9	4	8	8	10	8	-	4	7	9					
14	11	6	13	6	12	14	12	19	18	11	13	14	11	12	10	6	7	3	2	3	3	2	11	4	9					
15	2	3	9	10	4	2	2	-	3	-	-	4	3	2	3	3	3	3	3	1	3	3	2	2	3					
16	2	6	11	8	9	5	7	7	12	7	18	19	14	12	12	10	8	5	5	3	3	4	3	2	8					
17	3	2	3	7	9	4	4	3	2	2	3	3	3	3	3	5	7	8	7	10	7	5	3	6	5					
18	10	11	6	3	3	8	11	5	5	5	8	3	3	3	2	2	3	5	2	5	13	19	13	9	7					
19	9	9	9	8	9	11	12	15	13	14	16	15	12	11	13	13	13	12	13	12	13	14	10	11	12					
20	7	11	14	12	13	19	22	24	18	19	15	14	15	15	14	14	11	10	15	18	12	16	15	11	15					
21	6	9	9	2	3	2	2	3	4	4	2	1	19	****	0	0	1	0	0	0	0	0	2	2	3					
22	2	2	2	2	2	2	1	1	1	0	1	2	0	2	0	0	0	0	0	0	0	0	0	0	1					
23	0	0	0	0	0	0	0	-	-	-	0	2	2	2	2	2	2	3	3	3	12	17	11	10	3					
24	5	3	4	3	3	3	3	4	4	3	4	3	4	2	1	2	0	0	0	0	1	0	1	3	2					
25	0	0	0	0	0	0	2	1	2	0	0	0	0	2	2	0	0	3	2	5	17	13	9	4	3					
26	5	4	10	6	11	13	20	18	14	15	13	12	13	12	13	16	15	14	14	18	20	19	10	14	13					
27	15	14	-	-	-	-	-	-	5	5	3	10	11	12	9	8	8	8	7	8	9	9	7	6	9					
28	5	9	8	9	6	4	3	2	2	2	5	-	0	0	0	0	0	0	0	0	0	0	0	2						
29	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	1	2	2	2	2	1	2	1	1	1					
30	0	1	1	2	1	2	10	5	3	3	3	3	4	2	2	3	3	4	2	2	2	4	10	14	4					
31	12	15	8	8	13	9	7	5	4	2	2	2	2	2	1	2	2	0	0	0	2	0	0	0	4					
MEAN	6	6	7	6	7	7	8	9	8	8	8	8	8	6	5	5	5	4	4	5	7	7	7	6	6.5					

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY





UNITS - 0.1 COHS/1000 FT

MONTH - OCT 76

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

MONTH - NOV 76

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29008

NORTH PARK HAMILTON

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	3	4	4	13	13	10	10	-	-	-	-	-	-	****	8	7	5	7	6	9	6	7
2	8	7	5	6	5	7	7	7	4	3	4	5	3	4	3	3	3	2	3	5	7	8	6	3	5
3	5	3	7	6	2	0	2	5	7	10	9	8	6	2	7	6	7	7	4	5	5	3	4	4	5
4	2	3	4	2	3	3	4	2	6	8	4	5	5	5	4	4	6	5	7	11	9	10	7	7	5
5	5	6	4	5	4	5	4	4	2	4	6	4	6	4	7	6	6	10	7	6	7	7	5	6	5
6	5	8	5	2	2	3	4	3	4	3	3	3	4	5	4	5	7	9	9	12	9	5	4	4	5
7	5	6	5	6	4	6	5	4	5	4	6	5	5	5	5	4	4	5	3	2	2	3	3	2	4
8	0	0	0	2	2	1	2	3	3	4	2	2	2	9	6	8	8	10	8	5	7	5	5	5	4
9	6	5	5	5	6	4	4	5	1	3	2	2	2	2	4	4	8	5	3	2	4	4	4	4	4
10	3	5	5	6	9	9	9	11	9	10	10	9	10	10	10	12	6	6	6	7	6	7	8	4	8
11	2	2	2	0	0	2	3	4	3	3	3	3	3	1	2	3	5	5	7	11	10	10	8	8	4
12	8	11	12	11	9	8	6	9	9	6	6	6	6	7	6	5	5	5	4	4	4	2	0	0	6
13	0	0	0	0	1	2	2	3	3	4	8	6	5	-	-	-	-	****	5	6	5	7	10	7	4
14	5	5	5	5	7	6	6	9	8	9	10	9	8	12	9	8	7	6	6	6	5	5	5	5	7
15	6	5	7	6	5	7	9	10	8	9	7	6	6	8	8	8	7	9	7	9	12	13	13	10	8
16	10	10	9	10	9	8	11	11	11	12	7	7	8	5	5	9	9	7	9	7	7	7	6	5	8
17	5	4	7	12	11	10	8	7	6	6	7	-	5	5	3	4	3	3	2	2	2	2	2	0	5
18	1	1	0	0	1	1	1	2	2	1	0	2	0	2	0	2	-	0	2	2	3	3	2	2	1
19	3	2	2	2	3	4	4	3	4	5	7	4	6	4	1	4	-	-	4	3	3	4	3	7	4
20	7	7	6	5	4	4	7	15	9	11	****	8	4	3	3	3	3	2	2	2	2	2	1	1	5
21	2	2	2	1	1	2	2	3	3	3	3	3	3	3	3	2	2	2	0	3	4	4	3	3	2
22	3	4	3	3	3	3	5	4	5	7	6	6	6	5	7	6	6	5	6	7	8	6	6	6	5
23	5	5	5	4	6	5	5	6	4	5	4	3	4	4	3	0	2	3	2	2	0	0	2	3	3
24	3	3	4	2	3	3	3	4	9	3	3	5	4	4	4	4	3	4	2	2	3	5	6	6	4
25	6	5	5	3	3	5	3	2	4	5	6	3	2	3	3	3	3	5	2	2	2	3	2	2	3
26	0	0	0	0	0	1	4	2	3	4	2	3	2	2	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	2	3	4	2	4	2	2	****	****	****	1	2	2	3	1
28	0	0	2	0	0	0	0	0	0	0	2	1	0	2	2	3	3	3	2	3	5	3	2	3	2
29	5	5	5	3	3	4	3	5	4	4	4	4	3	3	3	3	3	3	3	3	4	4	2	3	4
30	3	3	3	3	4	5	5	6	****	****	6	3	3	4	4	5	3	2	1	2	2	3	3	4	4
31	5	6	7	6	3	3	3	3	2	3	3	4	4	4	4	4	2	0	2	1	4	4	3	0	3
MEAN	4	4	4	4	4	4	5	5	5	5	5	5	4	5	4	4	5	5	4	4	5	5	4	4	4.5

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	7	7.5	10	25
JUL	31	6.5	15	24
AUG	31	7.1	17	26
SEP	30	5.1	12	20
OCT	27	3.9	11	19
NOV	28	5.2	14	20
DEC	31	4.5	8	15
YEAR	185	5.5	17	26

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	62	74	27	14	3	0	0	180
JUL	344	185	139	42	8	0	0	718
AUG	309	199	140	68	11	0	0	727
SEP	356	258	56	14	0	0	0	684
OCT	410	177	38	8	0	0	0	633
NOV	348	241	82	22	0	0	0	693
DEC	403	297	22	0	0	0	0	722
YEAR	2232	1431	504	168	22	0	0	4357

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84.8	0	0.0	1.8	3.9	6.8	12.1	14.6	17.2	18.7	26	5.5

UNITS - 0.1 COHS/1000 FT

MONTH - JAN 76

PERCENTAGE OF DATA VALID - 98.4      PERCENTAGE OF DATA INVALID - 0.9      PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.     "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

MONTH - FEB 76

PERCENTAGE OF DATA VALID - 97.8      PERCENTAGE OF DATA INVALID - 1.3      PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.     "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	0	2	0	2	3	4	4	5	4	5	4	5	10	8	5	7	4	6	6	6	5	4
2	6	6	6	8	10	11	7	6	7	7	9	6	7	7	9	8	-	-	0	6	6	5	8	-	7
3	12	11	9	15	13	10	7	9	8	16	9	8	8	9	11	12	15	13	9	7	8	5	7	11	10
4	11	7	7	11	7	10	20	15	15	13	12	12	10	8	9	11	12	10	12	9	7	15	11	12	11
5	13	9	12	10	12	15	14	23	21	22	5	****	2	2	2	2	3	3	3	1	1	2	-	8	
6	2	2	2	2	2	1	2	3	2	3	2	2	2	2	2	2	2	3	3	4	4	4	4	2	2
7	0	-	-	2	2	1	2	2	2	2	2	0	2	2	2	1	2	0	2	2	2	9	2	2	2
8	2	2	2	4	2	3	5	4	5	4	3	3	2	2	2	3	3	3	4	4	3	4	5	7	3
9	10	5	-	7	2	4	7	10	6	10	14	11	8	5	7	6	7	5	7	7	6	8	1	12	7
10	6	0	1	-	-	-	-	-	0	5	10	10	9	9	8	10	15	9	8	7	7	5	4	6	7
11	4	3	3	3	3	3	9	6	4	4	3	-	-	-	****	1	2	1	3	3	5	7	7	7	4
12	9	3	5	4	4	7	6	9	9	8	14	10	9	-	****	****	****	****	****	****	5	6	5	5	7
13	5	5	1	0	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	3	2	2	3	3	3
14	3	3	2	2	3	4	3	3	3	2	2	2	3	2	3	3	3	2	3	3	4	3	2	2	3
15	2	2	2	3	3	3	4	6	4	3	3	6	2	2	2	2	3	2	2	2	3	4	5	9	3
16	7	4	5	3	4	5	5	6	6	7	10	10	7	6	7	5	7	5	2	2	2	3	4	4	5
17	2	3	3	2	3	2	4	5	5	4	3	2	2	2	4	3	4	3	4	4	4	6	8	4	4
18	6	8	6	7	10	9	13	13	10	5	5	6	5	5	6	7	9	8	8	10	11	8	9	16	8
19	9	8	14	9	13	7	6	6	7	0	6	5	6	4	4	5	6	4	4	4	3	5	4	3	6
20	5	6	6	4	4	4	2	3	6	7	4	4	4	4	3	4	4	3	4	4	3	3	2	1	4
21	2	2	0	0	0	0	2	2	2	3	1	2	3	5	2	1	2	2	0	1	4	3	5	2	2
22	2	2	-	4	2	2	3	8	9	-	0	9	9	6	4	5	4	3	3	3	4	4	4	4	4
23	4	4	3	3	4	4	6	6	7	5	8	4	3	3	4	3	4	3	4	5	4	4	5	4	4
24	5	3	4	4	5	5	6	7	6	6	6	5	4	4	4	5	6	3	5	4	4	3	3	3	5
25	4	3	2	2	2	3	4	5	4	8	5	3	2	3	2	3	4	2	4	6	6	5	3	6	4
26	7	7	4	4	8	8	11	11	15	18	15	14	10	15	16	22	19	22	16	21	13	15	15	17	13
27	12	13	15	13	10	11	5	4	6	4	4	3	5	5	-	0	1	1	0	-	0	1	2	5	5
28	2	1	2	1	2	1	1	1	2	3	2	0	0	0	0	0	0	2	4	3	3	4	13	8	2
29	8	9	7	6	6	5	9	8	8	8	4	2	3	7	10	5	10	9	8	10	12	13	15	13	8
30	10	11	11	10	11	****	14	13	13	17	13	7	9	11	10	15	9	17	15	10	14	12	6	6	11
31	4	3	2	2	2	2	3	5	5	5	6	-	-	****	11	12	18	9	7	5	8	6	3	4	6
MEAN	6	5	5	5	5	5	6	7	7	7	6	5	5	5	5	6	6	5	5	5	5	5	6	6	5.6

PERCENTAGE OF DATA VALID - 95.7      PERCENTAGE OF DATA INVALID - 1.3      PERCENTAGE OF DATA UNAVAILABLE - 3.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - APR 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	2	6	6	4	6	5	5	4	3	3	2	3	4	3	2	5	3	2	3	3	4
2	2	4	4	3	3	4	16	6	5	0	8	3	2	3	-	****	5	3	4	4	4	3	3	3	4
3	4	4	3	0	3	3	4	3	2	2	2	2	2	1	2	5	4	15	10	5	4	2	3	3	4
4	3	5	7	7	6	7	7	2	1	2	2	0	0	0	2	0	1	0	2	1	3	3	2	2	3
5	3	3	2	3	2	2	3	4	5	4	4	3	3	5	2	3	3	3	4	3	3	3	6	6	3
6	8	5	6	6	5	6	12	8	-	****	5	3	2	3	4	2	3	1	3	2	4	4	6	6	5
7	6	7	5	3	2	3	4	4	4	3	5	5	8	9	6	3	9	7	5	3	3	3	2	3	5
8	2	3	2	3	3	2	4	3	-	2	2	2	1	2	2	2	4	2	2	5	3	2	5	6	3
9	7	6	3	4	5	3	3	0	9	5	****	4	6	6	6	8	3	4	3	4	4	5	3	4	5
10	3	4	4	4	4	4	5	5	5	5	4	5	5	4	4	3	4	5	5	3	3	4	3	4	4
11	4	4	2	0	0	1	0	0	0	0	0	0	0	1	2	0	1	0	4	0	1	3	3	5	1
12	6	4	5	5	4	5	7	4	4	3	2	3	2	3	3	3	4	2	3	4	3	5	5	4	4
13	5	5	4	5	5	5	6	6	6	5	5	4	3	5	5	4	4	4	6	6	6	7	8	8	5
14	8	9	7	7	8	10	10	14	12	11	7	6	5	7	6	6	7	6	6	8	6	6	6	7	8
15	6	7	7	6	7	8	6	11	11	8	7	7	7	6	6	8	7	6	7	5	5	7	5	5	7
16	5	10	9	10	9	3	3	3	2	3	2	4	4	4	4	5	5	5	6	6	7	6	6	7	5
17	6	4	4	5	5	5	5	5	6	6	4	4	3	3	3	-	0	3	3	4	6	5	5	5	4
18	5	4	6	5	5	5	6	6	6	5	3	3	3	3	3	3	3	3	4	5	5	5	4	4	4
19	4	3	3	3	3	3	2	7	9	6	3	4	3	3	3	4	3	3	4	5	3	3	3	4	4
20	4	16	****	11	3	4	2	5	9	9	7	8	12	7	11	12	15	8	7	15	17	-	2	7	9
21	8	12	10	16	11	6	13	10	-	15	12	9	16	16	15	13	16	20	15	14	18	17	12	20	14
22	16	16	7	2	2	3	3	3	4	0	3	2	3	3	2	4	4	3	2	3	5	4	3	3	4
23	2	2	0	0	2	2	3	2	3	3	2	2	2	2	2	2	3	2	2	3	3	5	3	5	2
24	6	4	7	8	5	4	6	9	5	8	7	5	12	5	9	6	6	4	9	7	9	3	5	7	7
25	7	3	4	3	3	2	2	3	3	3	2	5	8	4	6	6	7	7	4	2	3	3	3	3	4
26	3	3	2	0	2	2	3	6	5	3	4	2	2	2	2	2	2	2	5	2	3	2	3	2	3
27	2	3	3	2	3	4	6	5	2	3	2	2	3	3	3	2	2	2	2	2	2	2	3	2	3
28	3	2	2	2	3	7	9	6	3	3	1	2	2	0	0	0	2	2	2	2	2	2	1	1	2
29	5	5	1	4	5	8	6	6	5	3	2	2	3	3	2	3	2	2	2	2	4	3	5	4	4
30	4	4	5	5	7	11	13	11	4	3	3	2	3	4	3	3	3	2	3	3	3	3	4	3	5
MEAN	5	5	4	4	4	5	6	5	5	4	4	4	4	4	4	4	5	4	5	4	5	4	4	5	4.5

PERCENTAGE OF DATA VALID - 98.6      PERCENTAGE OF DATA INVALID - 0.6      PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - MAY 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	10	8	7	5	5	17	16	13	14	15	13	8	9	9	18	11	7	6	4	5	9
2	6	5	6	5	5	6	4	4	5	4	3	2	3	2	1	2	2	2	2	2	2	0	0	0	3
3	0	2	0	0	0	2	3	3	3	3	2	3	2	-	-	-	-	----	-	2	1	2	1	2	2
4	1	1	1	0	2	3	5	4	3	3	2	2	3	2	3	4	4	3	3	3	3	3	3	3	3
5	4	3	4	4	4	4	5	5	5	5	4	5	6	6	7	6	6	3	5	4	3	4	3	4	5
6	3	3	3	2	3	2	2	5	5	7	7	9	8	9	13	8	11	7	11	10	11	13	6	8	7
7	10	6	7	11	3	3	3	5	0	3	4	3	3	3	2	4	2	4	4	6	8	4	5	5	5
8	3	2	1	2	1	2	3	3	2	1	2	2	1	0	0	0	1	1	2	2	1	3	1	3	2
9	2	2	2	2	2	3	3	3	2	3	2	2	2	2	3	2	1	2	1	2	4	10	9	7	3
10	10	3	9	8	11	14	8	10	6	4	5	5	4	3	4	3	3	3	3	4	4	4	4	3	6
11	4	3	4	4	3	6	6	5	4	4	3	-	----	-	-	----	3	2	2	3	2	2	2	2	3
12	2	2	2	2	2	6	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	2
13	3	1	2	3	3	4	3	4	3	5	3	3	4	3	4	3	3	8	6	11	10	14	7	9	5
14	9	10	8	9	10	8	15	12	7	5	4	3	3	4	4	4	3	2	5	5	8	6	8	8	7
15	11	8	12	12	9	9	11	11	4	4	14	14	13	13	5	5	16	16	8	6	9	4	5	6	9
16	4	9	8	9	9	5	7	7	6	12	10	13	20	21	18	15	16	12	16	14	15	9	2	2	11
17	2	1	2	2	0	4	5	5	4	3	2	2	3	3	4	4	4	2	3	3	0	0	0	0	2
18	0	0	1	0	0	0	2	2	9	2	2	2	2	0	2	2	1	0	0	2	2	7	5	4	2
19	-	3	3	3	5	5	3	3	2	2	5	4	14	8	15	9	2	2	2	2	2	2	3	2	4
20	2	2	2	2	2	3	6	5	5	----	6	5	6	7	6	6	4	5	5	5	6	6	9	4	5
21	3	3	2	0	1	2	5	3	5	2	3	1	3	2	7	3	2	1	0	0	2	4	2	3	2
22	3	3	2	2	2	2	2	3	0	4	0	0	0	1	1	0	0	2	1	0	0	0	3	2	1
23	6	4	2	2	3	3	1	1	0	0	6	7	9	6	6	2	3	2	0	0	0	2	3	2	3
24	2	3	3	2	1	3	4	3	6	7	5	2	7	11	6	5	5	9	11	8	5	5	7	4	5
25	4	4	4	4	4	13	11	19	6	10	6	6	-	6	8	8	9	14	13	6	7	4	2	2	7
26	2	2	2	3	3	3	5	5	5	6	8	9	12	6	6	7	6	6	9	8	7	10	10	9	6
27	9	7	6	7	7	9	8	9	5	10	10	6	4	3	2	2	3	3	3	2	3	3	3	3	5
28	7	5	7	10	10	10	11	13	15	18	21	23	22	19	20	19	15	13	15	15	12	8	9	14	14
29	14	13	9	8	9	20	13	10	22	22	16	15	17	14	11	12	12	7	9	8	8	15	9	7	13
30	11	12	11	4	7	7	14	12	13	15	15	14	24	19	20	16	12	9	16	19	12	6	4	13	13
31	9	9	12	6	30	9	14	13	15	17	19	13	19	22	19	15	17	15	15	9	10	12	10	9	14
MEAN	5	4	5	4	5	6	6	6	6	7	7	6	8	7	7	6	6	6	6	6	5	6	5	5	5.8

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JUN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	8	8	5	4	4	4	7	10	11	11	7	8	10	14	16	7	9	8	7	11	13	20	9
2	15	12	10	10	12	17	10	12	10	15	11	9	9	10	11	10	12	13	11	4	6	8	9	5	10
3	14	14	15	14	15	21	21	23	22	11	7	1	4	4	5	5	3	3	3	3	8	12	14	13	11
4	11	12	10	13	12	4	9	15	17	-	9	9	12	13	8	10	10	12	7	16	12	6	9	4	10
5	7	9	6	11	10	9	10	11	14	17	13	9	8	10	7	9	12	12	8	5	3	8	6	9	9
6	8	8	8	6	5	7	8	5	4	6	3	2	2	2	1	2	1	1	0	0	0	3	4	6	4
7	5	3	2	3	3	3	6	8	.....	.....	.....	.....	.....	.....	.....	7	4	2	3	3	5	4	5	5	4
8	6	6	6	6	7	10	8	10	10	9	7	6	5	6	6	6	3	3	4	6	7	8	8	7	7
9	6	8	7	7	9	10	8	10	13	10	5	3	4	3	3	4	3	3	3	4	4	5	5	....	6
10	3	3	3	3	3	4	7	10	11	8	8	7	5	5	5	5	5	5	4	5	5	6	6	4	5
11	4	4	5	4	5	6	8	11	10	****	11	5	3	3	-	-	-	16	0	0	2	1	0	0	5
12	0	0	0	5	12	13	5	3	6	8	4	4	7	5	6	6	6	11	8	6	11	9	11	16	7
13	10	6	4	5	0	5	5	8	7	17	6	6	6	6	6	6	6	6	6	6	5	4	3	3	6
14	2	2	3	4	3	5	5	7	8	7	7	5	5	6	6	6	5	4	3	3	3	4	4	4	5
15	5	6	6	5	4	6	5	6	6	6	6	6	7	6	6	6	6	5	4	5	5	4	4	5	5
16	6	5	4	4	4	3	5	4	4	3	2	2	4	4	3	3	2	1	1	2	2	3	2	3	3
17	4	3	3	6	0	3	3	4	3	2	2	2	2	3	3	3	3	3	4	5	6	4	6	11	4
18	5	8	11	3	8	12	15	18	17	16	16	19	15	17	15	18	17	18	17	17	16	8	6	6	13
19	6	8	11	5	5	4	4	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	1	3	3
20	0	0	2	0	2	0	2	0	0	0	3	3	2	6	2	2	1	0	3	3	5	7	5	5	2
21	3	3	4	6	6	9	10	11	10	5	5	10	5	6	6	11	7	7	10	11	11	8	8	5	7
22	3	4	5	4	4	7	8	9	7	5	6	5	6	5	....	6	4	7	12	21	16	11	12	11	8
23	17	10	8	9	9	13	14	20	18	23	12	15	18	16	11	16	18	15	17	9	9	8	12	11	14
24	11	9	7	6	12	16	....	20	8	8	8	9	10	8	6	7	6	3	2	3	3	3	3	1	7
25	0	2	3	2	2	2	1	3	3	2	3	3	3	3	3	3	2	2	1	0	2	2	1	2	2
26	2	1	2	2	1	2	3	3	3	3	2	2	2	2	2	2	2	1	0	1	3	4	5	5	2
27	5	4	3	1	2	2	2	3	3	4	3	3	10	7	13	7	3	3	2	2	2	-	0	2	4
28	2	2	3	3	3	5	6	7	5	3	5	4	5	3	4	4	3	2	3	4	3	3	6	6	4
29	8	7	9	7	5	5	6	10	10	19	10	7	6	5	5	5	4	10	7	9	7	6	8	17	8
30	11	13	10	6	5	5	6	9	11	12	11	7	8	20	10	4	2	2	2	2	1	2	2	2	7
MEAN	6	6	6	6	6	7	7	9	9	8	7	6	6	7	6	7	6	6	5	5	6	6	6	7	6.4

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "-----" INDICATES

UNITS - 0.1 COHS/1000 FT

MONTH - JUL 76

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

MONTH - AUG 76

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29025													BARTON/WENTWORTH HAMILTON												
MONTH - SEP													76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	8	6	6	6	7	9	7	5	4	5	3	3	5	4	5	3	3	3	5	3	1	2	5
2	2	0	2	0	2	2	2	5	6	7	4	3	3	4	3	4	3	2	3	6	2	4	4	3	3
3	7	6	10	4	9	12	16	10	7	4	4	4	6	4	4	4	5	6	6	7	6	6	6	5	7
4	5	4	4	4	5	5	5	4	4	4	5	5	4	3	2	2	2	4	3	3	3	2	2	2	4
5	0	0	1	0	2	0	1	0	0	0	2	0	2	12	0	0	0	0	3	0	3	0	4	0	1
6	0	2	0	3	0	2	3	0	3	0	0	0	0	0	0	1	0	1	1	1	2	3	4	4	1
7	0	4	2	3	3	6	7	6	5	6	6	4	4	4	4	4	3	2	2	3	3	3	3	3	4
8	3	3	3	****	3	****	****	****	9	9	7	15	20	19	17	16	16	20	****	****	12	9	10	9	11
9	7	10	11	11	11	13	15	15	13	25	21	20	21	22	16	****	16	13	10	11	11	10	4	3	13
10	0	0	0	0	0	0	4	0	2	2	2	0	2	2	2	1	2	0	1	0	0	2	0	0	1
11	1	0	1	0	0	2	0	3	3	2	2	0	0	2	0	1	0	0	1	3	2	3	6	4	2
12	7	4	5	1	6	2	5	2	3	3	3	2	2	2	2	2	0	0	2	3	3	3	3	3	3
13	3	3	3	3	3	4	6	7	7	6	6	5	4	4	4	3	3	3	3	4	4	4	4	5	4
14	5	4	4	4	5	6	8	10	8	8	5	0	5	4	4	4	3	4	4	4	4	4	4	4	5
15	4	4	4	4	5	7	9	13	****	14	12	17	****	17	13	15	10	10	9	9	10	9	6	5	9
16	12	9	17	9	12	7	7	9	10	9	-	14	18	18	15	17	17	12	14	13	15	13	16	14	13
17	11	13	15	****	****	****	****	****	15	13	****	****	10	9	11	14	17	9	6	5	5	6	7	6	10
18	3	3	3	2	2	3	5	5	6	3	3	3	4	3	3	2	2	3	3	3	2	2	2	2	3
19	3	2	2	2	3	0	3	2	3	3	2	2	1	2	1	2	2	3	2	3	3	4	3	3	2
20	3	3	3	4	4	6	7	9	6	6	6	4	2	4	3	2	0	0	2	1	1	1	0	5	3
21	2	4	0	4	0	7	7	8	5	3	3	2	2	2	3	4	2	-	-	-	1	3	2	2	3
22	2	****	****	****	****	****	****	****	****	2	2	3	3	5	2	4	3	0	2	4	3	5	7	3	3
23	2	5	9	5	2	8	5	6	4	6	5	3	3	3	3	3	2	0	3	2	5	2	3	4	4
24	0	2	4	4	3	5	10	9	7	2	3	0	3	2	2	6	1	4	4	3	0	4	5	4	4
25	2	2	8	2	3	6	4	2	5	3	5	2	3	3	3	3	2	3	4	4	2	2	0	0	3
26	6	7	7	11	9	7	12	5	7	10	16	8	9	7	4	5	****	****	****	3	5	4	2	3	7
27	6	4	5	5	10	-	-	8	10	10	6	7	7	11	8	12	7	8	7	15	9	10	6	3	8
28	3	5	3	2	3	4	4	4	4	4	3	2	4	4	0	3	2	3	3	5	2	5	4	2	3
29	5	2	1	4	3	3	4	6	****	7	3	3	4	3	5	4	4	4	4	4	5	6	4	5	4
30	3	5	6	5	7	12	14	****	13	12	12	13	14	14	12	11	9	16	11	8	6	8	11	11	10
MEAN	4	4	5	4	4	5	7	6	6	6	5	5	6	6	5	5	5	5	4	5	5	5	4	4	5.0

PERCENTAGE OF DATA VALID - 95.1

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	14	6	10	10	12	13	11	16	19	16	13	10	12	18	21	13	19	9	21	14	11	8	9	13
2	9	13	13	10	16	9	7	11	11	13	16	16	18	11	17	17	13	9	6	5	12	17	24	***	13
3	15	14	16	12	8	10	9	8	8	8	6	6	7	6	11	16	15	9	10	7	15	10	15	15	11
4	20	16	18	14	19	21	12	18	12	16	15	15	13	15	11	14	15	16	14	9	7	10	13	16	15
5	11	14	15	9	12	12	26	-	13	6	-	5	5	5	5	5	6	***	12	14	11	6	3	3	9
6	3	2	2	2	2	3	7	5	6	4	4	5	5	5	5	6	4	3	3	4	2	3	0	1	3
7	2	0	3	0	0	3	4	4	***	***	***	***	***	7	8	4	5	5	5	3	2	3	2	0	3
8	0	2	3	0	0	1	4	4	5	5	5	5	5	3	3	5	9	8	5	2	2	2	3	2	3
9	2	0	0	2	4	5	5	9	3	1	1	0	2	0	3	2	3	2	0	2	3	1	1	4	2
10	1	0	2	0	0	3	0	1	3	2	1	0	2	2	0	0	0	0	3	3	5	3	5	3	2
11	3	4	5	3	6	6	8	8	9	9	6	3	6	7	5	3	2	0	7	4	6	9	14	16	6
12	12	13	17	15	15	24	32	28	15	7	4	5	5	5	9	5	6	5	7	8	***	***	7	4	11
13	4	6	3	5	3	6	7	8	6	7	6	***	3	3	5	5	6	0	3	3	3	4	0	1	4
14	2	0	0	3	0	2	5	4	2	2	2	3	2	0	3	3	0	3	3	3	5	1	5	3	2
15	6	6	2	4	3	3	6	3	5	2	4	3	3	4	4	4	5	3	4	-	2	2	0	2	3
16	2	0	2	2	0	3	0	2	2	0	2	2	2	0	0	3	3	0	0	4	0	0	2	2	1
17	5	5	2	2	1	1	2	2	3	3	3	3	3	3	2	2	3	3	2	2	5	3	3	3	3
18	2	4	4	4	4	7	13	9	7	4	3	-	3	5	3	3	2	3	1	3	3	0	3	3	4
19	4	7	4	5	1	7	5	10	2	2	5	5	5	5	5	5	6	6	4	4	8	8	8	5	5
20	7	8	11	-	5	4	6	6	7	11	10	12	11	-	12	-	8	7	8	8	10	7	5	3	8
21	3	2	4	2	1	5	4	4	6	4	3	2	0	2	6	7	3	2	3	3	2	3	2	-	3
22	2	0	2	0	2	2	4	4	3	3	2	3	5	2	3	-	2	2	3	3	2	4	2	3	3
23	2	3	1	3	0	4	3	6	5	7	4	2	2	2	4	4	4	4	7	11	7	10	11	9	5
24	18	16	13	6	10	7	8	5	11	8	4	7	5	4	5	3	7	10	-	4	5	5	6	-	8
25	-	7	4	8	-	-	-	4	8	-	-	17	9	9	7	9	7	5	4	5	4	3	2	3	6
26	2	4	1	5	6	6	8	7	7	7	6	6	9	5	3	2	3	0	-	-	7	3	4	5	5
27	5	5	5	5	3	7	13	9	6	4	-	2	3	2	2	4	2	3	7	11	5	7	5	4	5
28	3	3	2	0	2	4	3	6	4	5	4	3	3	2	4	5	6	6	3	3	3	5	2	4	4
29	2	2	4	3	4	4	5	6	6	5	5	5	5	-	8	5	5	4	5	6	4	4	6	4	5
30	4	6	3	4	6	3	7	7	10	5	7	7	5	6	8	7	6	9	7	7	10	10	9	11	7
31	10	12	13	17	9	10	9	11	8	6	4	4	0	2	0	1	0	2	0	3	2	4	4	3	6
MEAN	6	6	6	5	5	6	8	7	7	6	5	6	5	5	6	8	5	5	5	6	6	5	6	5	5.7

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.0	10	24
FEB	29	4.5	9	29
MAR	31	5.6	13	23
APR	30	4.5	14	20
MAY	31	5.8	14	30
JUN	30	6.4	14	23
JUL	31	4.4	14	26
AUG	31	4.4	12	20
SEP	30	5.0	13	25
OCT	31	5.7	15	32
NOV	30	5.3	11	30
DEC	31	6.5	18	34
YEAR	366	5.3	18	34

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	363	318	42	7	2	0	0	732
FEB	387	255	30	8	1	0	0	681
MAR	369	255	71	11	6	0	0	712
APR	431	239	27	13	0	0	0	710
MAY	393	220	80	27	9	0	0	729
JUN	281	303	79	35	6	0	0	704
JUL	503	140	47	31	3	0	0	724
AUG	419	276	29	8	0	0	0	732
SEP	419	187	54	21	4	0	0	685
OCT	355	254	68	28	7	1	0	713
NOV	374	271	54	10	3	0	0	712
DEC	280	340	48	31	14	2	0	715
YEAR	4574	3058	629	230	55	3	0	8549

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

97.3

0

0.9

2.4

3.7

5.6

10.3

13.6

16.7

18.9

34

5.3

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	0	0	2	2	5	5	3	3	3	3	2	2	3	- ****	5	6	6	6	6	6	6	7	4
2	8	6	4	4	0	0	8	3	0	0	3	3	5	4	6	3	3	6	9	8	7	6	6	4	4
3	3	3	5	4	5	4	3	4	4	3	4	3	3	3	2	3	3	3	3	3	3	3	3	2	3
4	2	2	2	2	2	3	0	1	2	2	3	3	1	1	1	1	2	2	3	3	4	4	3	5	2
5	4	5	3	2	2	2	7	9	13	17	12	7	9	6	3	4	4	4	5	4	5	5	6	6	6
6	6	7	7	7	6	7	9	8	7	6	6	8	8	7	5	6	8	8	8	7	8	8	6	7	7
7	7	4	4	4	5	4	5	6	7	7	8	11	8	4	6	0	4	3	2	2	2	2	3	3	5
8	0	2	1	2	2	3	3	6	8	9	9	12	6	5	3	2	2	4	4	4	4	5	4	4	4
9	4	4	3	3	5	5	7	5	6	6	3	5	3	3	4	4	4	3	4	4	6	6	5	4	4
10	5	5	5	5	4	4	6	6	8	8	4	4	4	3	2	3	4	4	5	6	7	4	10	12	5
11	13	11	5	5	4	3	4	4	4	5	4	5	6	6	4	3	4	4	4	5	6	8	8	6	5
12	6	5	4	4	3	3	3	5	8	9	10	3	3	10	7	9	9	10	7	6	6	5	5	6	6
13	5	6	6	6	6	6	9	10	11	11	11	8	7	7	10	9	10	7	5	5	4	9	7	6	8
14	4	5	4	3	1	2	4	3	4	4	5	2	2	3	2	3	3	3	4	5	4	4	3	3	3
15	2	2	0	****	****	2	3	4	5	5	5	3	3	2	3	5	5	4	4	3	3	4	5	5	4
16	7	5	6	7	6	3	- ****	7	7	10	5	7	7	7	4	4	3	3	3	3	2	4	4	4	5
17	2	3	2	4	4	4	5	5	6	5	5	7	5	4	4	5	5	6	7	7	7	8	8	7	5
18	6	6	6	5	5	5	3	3	4	6	8	6	6	8	6	9	6	6	6	9	9	8	8	10	6
19	11	8	8	8	4	4	6	7	7	5	6	6	6	5	7	8	8	7	6	6	6	6	5	5	6
20	5	4	5	5	5	5	5	5	6	6	7	5	4	4	3	3	3	2	4	3	3	4	4	4	4
21	5	4	6	4	3	5	5	5	7	6	7	7	7	8	5	5	7	7	7	9	2	2	2	3	5
22	2	2	2	2	2	3	6	7	7	5	5	4	4	5	4	5	6	6	5	6	4	6	5	5	4
23	1	2	2	5	3	6	7	7	14	19	22	18	19	15	14	13	10	12	8	7	8	7	8	7	10
24	6	5	4	4	3	4	5	5	5	7	9	11	10	6	5	6	6	7	9	28	15	12	18	17	9
25	16	14	10	8	7	11	12	10	9	7	10	7	5	2	5	5	4	4	1	4	5	-	7	11	8
26	****	9	4	12	9	15	7	9	-	-	8	8	9	12	17	10	10	11	8	6	5	5	4	4	9
27	4	3	3	2	3	3	3	5	6	7	5	6	7	6	5	9	5	6	6	6	5	5	5	4	5
28	4	3	3	2	3	3	6	6	8	8	6	4	4	4	4	6	6	6	5	4	5	4	6	6	5
29	7	6	6	7	5	6	7	7	6	3	-	3	3	3	3	2	3	3	3	3	3	3	4	4	4
30	4	5	4	3	4	3	3	6	7	-	****	8	7	5	5	4	5	6	6	5	4	6	5	8	5
31	6	10	10	9	12	15	8	8	11	12	6	5	5	4	5	5	4	6	6	3	3	5	4	4	7
MEAN	5	5	4	5	4	5	5	6	7	7	7	6	6	5	5	5	5	5	5	6	5	5	6	6	5.5

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	4	5	4	4	5	6	7	6	4	5	7	7	5	6	3	2	1	2	2	2	1	4
2	2	2	1	0	2	1	2	4	9	4	4	4	8	6	6	6	5	4	4	5	6	4	4	5	4
3	5	6	6	8	4	5	9	9	11	8	9	5	6	8	7	7	9	6	6	5	8	9	9	8	7
4	8	8	8	8	10	9	8	7	6	7	8	6	3	3	0	0	1	1	2	2	4	4	2	2	5
5	3	5	3	2	3	3	4	5	6	5	4	2	4	4	4	3	4	3	3	2	-	-	3	7	4
6	6	4	5	5	1	1	3	3	0	0	0	3	2	4	2	2	0	0	1	1	1	1	5	2	2
7	3	2	1	0	2	0	1	3	5	5	5	4	2	2	0	2	2	2	1	1	2	3	3	3	2
8	2	3	3	3	3	3	3	3	4	3	2	2	2	1	0	1	0	1	2	2	2	2	3	3	2
9	3	2	2	4	3	3	3	3	15	15	7	7	1	1	5	4	4	3	4	4	4	4	4	4	5
10	4	4	4	5	6	5	8	7	5	7	8	8	8	7	7	8	7	7	9	8	6	6	6	6	7
11	5	3	2	2	0	0	1	2	3	3	3	2	2	3	4	0	0	2	3	2	2	2	2	1	2
12	3	2	3	3	2	3	2	4	4	4	2	2	3	5	7	8	6	6	4	4	4	0	3	3	4
13	3	4	4	4	4	5	7	6	7	4	1	2	1	3	2	0	2	2	2	2	2	1	2	2	3
14	2	3	3	3	3	3	3	4	4	3	3	3	2	2	2	1	***	2	2	2	2	1	2	2	3
15	3	3	4	2	3	3	3	4	5	5	3	5	4	5	6	5	5	6	4	7	6	4	3	2	4
16	2	2	3	3	3	2	3	4	4	5	6	3	9	8	5	6	4	7	5	2	2	2	2	2	4
17	2	2	3	3	3	5	7	7	3	2	3	3	4	4	3	4	4	3	4	4	3	4	4	4	4
18	4	3	3	2	2	2	3	3	4	4	3	3	4	5	5	7	9	10	6	7	9	2	4	2	4
19	2	2	0	2	2	0	2	3	4	4	4	3	0	2	0	2	4	3	3	4	1	1	2	3	2
20	2	2	2	1	2	2	0	3	4	5	5	4	3	2	2	3	3	3	4	3	2	3	3	3	3
21	5	8	7	8	7	6	5	4	4	5	4	5	4	3	7	7	6	7	7	6	8	8	5	6	6
22	3	3	2	2	0	0	6	2	2	2	2	2	1	2	-	-	4	1	0	4	2	2	2	0	2
23	0	2	3	3	2	3	3	3	6	5	4	5	4	3	4	4	6	4	3	2	2	3	3	3	3
24	3	3	3	3	3	3	5	4	6	6	7	6	5	5	7	6	7	6	6	7	8	7	8	8	6
25	9	8	10	6	7	6	8	6	10	7	6	8	7	6	6	5	-	3	10	7	5	7	7	8	7
26	-	6	9	11	16	12	9	11	19	13	****	****	****	16	12	13	13	11	9	9	10	11	8	10	11
27	6	7	11	5	5	8	7	7	6	0	0	2	3	2	6	7	7	4	4	4	3	2	3	2	5
28	3	5	7	6	0	4	0	2	2	1	0	2	0	0	0	0	0	0	0	0	0	0	4	4	2
29	2	2	5	5	2	2	3	3	4	4	4	4	6	6	5	5	2	2	0	0	5	5	0	0	3
MEAN	4	4	4	4	4	4	4	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	2	3	4	4	4	6	6	4	4	3	2	3	4	3	2	2	1	2	2	4	2	3
2	2	1	2	3	3	2	3	4	3	3	3	3	4	3	3	4	-	-	2	3	2	3	4	-	3
3	3	2	2	2	2	3	2	3	4	5	4	5	4	4	4	4	4	5	5	3	4	5	5	6	4
4	7	8	9	8	7	6	4	6	8	6	4	5	3	4	16	16	2	2	0	0	3	3	2	4	6
5	4	4	4	4	7	8	10	13	23	13	8	7	3	4	2	3	3	2	0	1	2	2	0	-	6
6	1	0	0	2	3	3	3	2	5	3	2	0	1	2	0	1	1	2	3	3	2	3	2	1	2
7	3	-	-	1	2	1	2	2	2	2	2	1	0	0	0	2	1	2	0	0	3	3	0	2	1
8	3	2	1	1	0	0	0	3	5	5	4	3	2	1	2	0	2	2	2	2	3	3	6	5	2
9	3	4	-	8	2	2	2	3	2	0	2	3	2	2	2	2	3	4	3	-	4	-	-	7	3
10	5	5	7	5	9	9	7	7	7	7	2	9	8	9	9	9	9	9	9	9	4	4	3	3	7
11	3	3	3	3	3	3	3	4	5	3	****	-	-	-	****	1	4	3	3	3	5	5	6	5	4
12	5	5	3	0	2	1	1	3	3	3	4	4	3	-	****	5	6	5	3	3	5	5	6	5	4
13	2	2	2	2	3	3	3	4	4	4	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3
14	3	6	5	3	4	5	4	3	4	4	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3
15	2	3	2	2	1	2	3	4	4	3	1	2	2	2	5	2	2	2	3	4	3	4	4	4	3
16	3	3	2	2	2	2	4	5	6	6	6	6	6	7	5	5	5	5	5	2	2	3	2	4	3
17	2	2	0	0	0	0	2	3	3	2	2	2	1	2	2	2	2	2	2	3	2	3	4	4	2
18	4	5	5	4	4	5	8	10	8	6	6	6	2	3	4	5	5	5	5	5	5	5	5	6	5
19	8	7	7	9	12	13	14	15	15	12	9	9	8	7	7	8	9	9	8	10	10	7	6	7	9
20	8	13	7	7	6	6	6	7	6	5	4	5	7	6	6	5	7	7	9	5	5	5	3	3	6
21	3	6	6	5	3	5	0	2	3	3	0	3	0	2	3	0	3	2	2	0	1	2	2	2	2
22	1	0	-	3	2	2	3	6	7	-	3	4	4	3	3	3	3	3	4	3	3	3	2	3	3
23	3	4	4	3	4	4	6	7	6	7	0	2	5	5	6	3	5	4	3	4	5	4	4	4	4
24	4	4	4	5	4	6	6	7	7	5	6	6	5	5	6	4	4	3	8	2	6	4	6	4	5
25	0	3	3	0	6	5	3	6	10	****	8	1	0	2	2	2	3	0	3	4	5	****	6	****	3
26	5	5	0	0	0	0	5	5	5	****	4	0	4	5	3	3	4	6	6	9	9	10	10	13	5
27	6	10	14	11	10	9	8	1	7	2	8	3	2	5	-	2	2	3	2	-	0	0	0	3	5
28	2	0	0	2	2	0	0	0	1	1	****	****	0	****	****	****	2	5	3	4	6	4	2	6	2
29	9	6	7	2	3	1	2	3	2	2	0	2	2	2	2	3	2	****	****	****	11	2	3	3	3
30	2	2	2	2	3	****	2	****	3	3	****	0	4	3	****	4	5	6	7	5	9	9	13	8	5
31	6	5	3	3	3	3	3	3	5	7	7	-	-	****	10	8	6	5	6	4	6	8	8	5	5
MEAN	4	4	4	3	4	4	4	5	6	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	4	4	4	5	4	4	8	9	5	1	7	4	2	6	4	3	4	3	3	5	3	6	4
2	6	4	5	4	5	4	3	3	3	3	0	2	0	2	2	...	3	3	6	3	3	3	4	4	3
3	2	1	2	3	0	5	3	0	0	3	0	2	1	3	2	0	4	6	4	3	2	5	3	2	2
4	0	3	2	0	3	0	2	1	0	2	2	0	0	2	2	2	1	2	3	3	3	3	3	2	2
5	3	0	3	3	0	4	0	0	1	0	3	2	1	2	2	0	2	3	3	2	3	-	-	2	2
6	9	4	1	0	5	2	2	2	-	...	3	2	0	3	5	2	3	2	3	3	4	3	3	3	3
7	3	2	4	3	3	3	3	5	0	0	...	2	0	2	2	3	3	5	4	3	2	4	2	3	3
8	3	2	2	2	2	2	3	4	-	0	1	0	6	7	4	5	2	3	3	3	2	2	3	3	3
9	3	4	6	5	5	4	6	8	2	7	3	8	4	3	4	5	4	4	4	5	4	6	9	5	5
10	6	3	4	3	4	5	7	6	4	3	5	8	3	3	2	3	3	3	4	3	0	6	1	3	4
11	4	5	2	1	0	0	1	2	2	0	0	0	4	0	0	0	3	2	2	2	2	3	2	2	2
12	2	3	2	2	3	2	3	4	4	0	0	0	1	2	1	3	0	2	3	4	3	5	5	5	2
13	4	5	6	5	5	4	5	1	2	4	2	3	3	2	3	2	2	2	2	3	4	4	9	14	4
14	11	7	12	9	11	13	14	11	10	14	12	9	9	7	7	6	7	9	7	6	8	9	9	6	9
15	10	9	5	11	10	9	10	10	...	15	11	14	12	13	11	14	13	11	9	12	7	9	8	6	10
16	9	10	8	9	8	4	13	7	10	9	10	8	8	8	8	10	10	15	11	11	9	10	11	8	9
17	12	11	10	10	11	13	9	12	13	15	15	9	11	10	6	-	2	6	5	7	6	6	5	8	9
18	13	20	10	15	9	9	17	16	16	13	11	10	8	8	8	6	7	4	7	9	8	5	6	5	10
19	6	7	2	-	-	-	10	11	13	11	9	9	5	2	2	2	2	2	2	2	2	3	8	3	5
20	0	0	...	4	0	1	0	2	3	4	2	4	5	5	4	5	6	6	5	6	6	-	0	3	3
21	4	2	4	4	1	3	5	0	-	2	2	4	5	4	7	10	10	5	7	6	7	8	6	7	5
22	6	4	3	3	4	2	9	2	8	3	6	0	5	2	2	5	4	7	4	3	5	2	3	4	4
23	2	1	0	0	0	0	3	0	0	0	0	0	0	5	5	6	4	7	6	6	9	3	2	7	3
24	2	3	0	6	0	3	1	1	2	2	0	0	4	0	0	4	2	2	3	6	4	4	4	3	2
25	3	5	1	3	0	1	0	0	2	1	2	2	1	3	3	4	5	4	4	5	4	4	3	3	2
26	3	4	2	2	2	2	3	4	4	3	4	2	0	0	1	2	1	0	0	2	2	2	2	1	2
27	0	0	0	0	2	2	2	2	2	1	2	2	2	2	2	0	2	1	1	2	2	2	2	2	1
28	1	0	1	0	0	1	3	3	2	5	2	2	0	2	0	0	0	0	0	0	4	4	2	2	1
29	2	2	2	2	2	4	6	6	4	5	6	6	6	4	0	4	5	2	1	4	3	3	4	4	4
30	6	5	8	7	7	9	10	7	7	8	7	4	3	2	2	3	4	4	2	6	3	5	3	4	5
MEAN	5	4	4	4	4	4	5	4	5	5	4	4	4	4	3	4	4	4	4	4	4	5	4	4	4.2

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - MAY 76													MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	5	11	7	6	8	8	9	3	5	7	5	6	6	2	3	7	4	5	6	11	8	3	10	6	6
2	5	7	9	9	7	8	5	4	10	7	6	6	4	4	3	2	3	6	5	2	7	0	6	0	5
3	0	7	2	0	0	3	2	3	0	1	0	4	3	-	-	-	-	***	-	-	0	3	2	2	2
4	2	3	2	2	0	2	3	0	0	2	3	2	0	5	4	2	4	5	6	-	5	5	4	5	4
5	4	6	7	6	5	5	3	10	9	3	5	5	7	7	12	8	9	5	5	5	5	4	5	4	6
6	4	1	0	2	2	4	5	3	6	0	9	4	6	***	6	5	6	4	3	2	3	2	0	0	3
7	3	2	2	2	2	2	4	0	5	4	6	4	6	6	3	2	3	2	2	2	2	2	3	3	3
8	2	1	2	0	0	2	3	0	0	2	0	0	0	0	0	2	0	0	4	2	6	2	3	3	1
9	3	4	3	3	2	2	3	4	4	4	0	1	3	4	1	3	1	0	1	2	2	3	4	10	3
10	11	0	9	6	9	7	5	11	11	5	5	8	8	8	7	6	3	3	3	4	5	4	5	7	6
11	0	7	0	0	3	6	4	9	11	8	4	-	***	-	-	***	0	3	0	0	4	0	0	2	3
12	3	0	3	1	2	2	0	0	0	3	2	***	0	2	0	0	0	0	0	0	4	0	0	2	1
13	1	7	5	5	6	8	7	4	5	5	6	3	3	3	4	3	4	5	3	5	3	4	5	0	4
14	5	1	0	3	6	8	12	5	6	6	6	5	6	6	6	7	7	5	5	4	5	9	10	9	6
15	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	3	3	3	*****
16	2	1	3	0	3	3	3	0	5	2	5	2	5	4	5	4	5	5	3	4	7	4	6	14	4
17	5	7	2	4	4	2	5	5	6	3	6	5	5	5	6	7	5	0	0	2	3	3	0	2	4
18	2	1	1	0	0	2	3	2	0	***	9	0	0	0	3	2	2	0	2	2	0	2	2	3	2
19	-	0	1	2	0	0	2	2	0	0	2	0	0	0	2	2	0	0	1	0	2	1	2	3	1
20	2	2	0	2	2	2	3	4	2	3	4	6	4	9	6	3	3	2	2	3	4	9	10	7	4
21	4	3	0	3	1	2	2	2	0	2	2	0	1	0	0	3	2	0	0	1	2	4	0	2	2
22	2	2	3	1	2	0	0	0	0	0	0	0	0	3	0	1	0	0	0	2	2	2	2	3	1
23	2	2	2	2	2	2	0	0	0	0	0	0	0	2	3	2	0	0	2	0	2	2	0	2	1
24	0	3	2	0	3	4	0	0	3	0	5	3	0	2	0	2	3	3	4	5	3	6	6	6	3
25	5	2	7	6	4	11	7	6	5	2	4	4	-	3	4	3	4	5	5	2	3	3	2	2	4
26	3	3	3	3	2	5	5	5	7	6	5	3	0	4	5	6	7	5	2	2	4	5	4	2	4
27	5	6	7	6	4	0	2	3	7	8	7	6	2	7	9	5	6	5	4	3	4	2	5	5	5
28	7	3	11	12	7	8	8	10	8	8	6	7	7	5	5	5	5	2	3	2	4	3	3	5	6
29	8	10	6	6	6	5	6	3	5	5	6	4	3	3	3	3	3	3	2	3	3	3	5	5	5
30	3	5	2	3	4	3	0	4	2	3	3	2	3	4	3	2	2	3	2	6	2	2	4	2	3
31	0	4	2	0	0	5	6	7	5	4	4	5	4	3	3	5	5	3	4	5	8	7	9	5	4
MEAN	4	4	3	3	3	4	4	4	4	4	4	3	3	4	4	4	3	3	3	3	4	3	4	4	3.5

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - JUN 76													MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	2	4	3	3	4	1	3	5	4	2	4	4	6	8	6	5	5	7	4	10	1	5	2	8	4
2	9	8	9	8	6	2	7	7	3	***	2	1	3	3	5	3	4	2	0	1	3	3	4	7	4
3	7	6	7	5	5	3	17	24	16	12	10	8	7	3	3	3	3	2	1	1	3	5	7	7	7
4	3	3	6	3	4	3	6	7	3	2	3	3	3	0	0	2	2	2	2	2	3	4	5	4	3
5	3	4	6	4	3	3	5	4	5	3	3	2	2	4	2	2	2	2	0	0	2	4	6	6	3
6	7	8	6	8	5	4	3	3	4	3	2	0	2	2	2	0	2	0	1	2	2	4	4	4	3
7	2	3	3	4	3	5	6	5	5	4	6	5	4	3	3	3	2	2	2	2	4	6	7	5	4
8	8	6	7	6	7	5	10	10	11	14	14	10	9	12	10	7	4	3	3	2	3	5	3	12	8
9	11	10	3	5	3	5	6	9	17	14	10	6	7	7	7	8	6	6	5	8	9	9	11	8	8
10	8	8	9	6	8	8	10	14	14	12	11	13	10	9	10	8	9	4	6	6	7	9	7	9	9
11	7	7	8	7	8	11	14	10	14	9	11	7	3	2	-	-	-	7	0	0	0	2	0	1	6
12	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	4	0	1	1	2	2	0	0	0
13	4	0	0	2	2	2	1	3	5	3	4	3	4	4	3	4	2	5	7	5	6	6	7	6	4
14	4	5	3	4	12	7	11	11	10	8	***	***	6	7	6	7	7	5	5	4	6	7	8	7	7
15	8	9	7	6	8	13	9	11	11	15	10	8	8	8	9	8	6	5	5	4	6	5	4	4	8
16	5	5	7	6	3	5	4	7	10	6	3	3	4	6	7	7	5	4	4	4	3	3	5	4	7
17	3	2	2	0	2	0	2	5	4	3	7	8	7	5	6	4	3	3	3	3	5	5	7	12	4
18	7	6	8	5	6	10	12	6	5	4	4	3	5	5	4	4	4	4	4	4	4	5	5	0	5
19	5	7	5	7	7	6	7	9	5	3	3	3	2	3	4	4	4	4	3	2	0	1	0	2	4
20	1	2	0	1	2	1	0	1	2	0	0	1	1	4	2	4	3	2	3	4	7	8	6	3	2
21	2	0	2	2	2	2	0	0	3	0	3	2	2	3	2	3	2	2	2	2	2	3	6	2	2
22	5	4	5	4	5	7	10	11	9	13	9	10	7	8	7	6	5	5	3	8	10	5	-	7	7
23	5	7	7	9	11	10	14	15	-	6	6	5	6	5	5	5	6	4	4	3	4	6	7	7	7
24	7	7	7	10	7	10	14	15	15	10	11	13	16	13	13	10	7	7	6	6	4	4	3	3	9
25	3	0	2	2	2	4	5	5	5	6	10	5	2	3	4	2	2	2	0	0	2	0	2	2	3
26	2	2	2	2	2	2	3	3	3	5	4	4	3	2	2	2	2	0	0	2	2	2	0	2	3
27	2	3	2	1	2	2	2	2	3	3	4	4	3	2	2	2	2	0	0	2	2	2	0	2	2
28	4	4	2	2	2	2	4	3	3	2	4	6	5	5	7	6	4	2	2	2	3	3	2	3	3
29	3	3	3	4	6	4	6	8	7	5	9	7	5	6	0	4	5	6	4	4	3	6	5	4	5
30	3	5	4	4	3	4	5	4	3	3	2	4	3	4	3	2	4	3	3	3	3	4	3	4	3
MEAN	5	5	5	4	5	5	7	7	7	6	6	5	5	5	5	4	4	3	3	3	4	4	5	5	4.8

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	1	****	0	1	2	2	2	3	2	3	3	4	2	0	0	0	0	1	1	0	0	2
2	0	0	1	0	0	1	2	3	1	1	2	2	2	2	2	3	2	2	1	2	1	0	0	0	1
3	1	1	0	1	1	2	1	2	1	0	1	0	0	0	1	2	3	2	2	1	2	3	2	1	1
4	2	2	1	0	2	2	1	2	2	0	2	0	2	3	3	2	2	2	2	3	2	2	4	1	2
5	2	3	6	5	5	6	8	8	8	9	11	10	8	7	14	6	6	5	4	4	9	5	7	9	7
6	5	5	3	4	9	10	12	17	13	7	9	6	5	4	3	3	3	2	3	4	6	6	5	5	7
7	6	5	6	6	9	8	8	9	8	10	11	9	5	9	6	4	3	3	5	5	6	5	5	5	6
8	7	7	6	4	4	4	5	7	6	3	2	2	0	2	1	1	0	0	0	1	2	1	1	1	7
9	2	2	2	2	3	3	4	4	3	4	8	5	6	2	5	2	2	2	2	2	3	4	3	4	3
10	4	5	6	4	5	4	5	6	5	6	5	3	4	6	5	5	3	5	4	4	4	4	5	5	5
11	5	6	5	4	4	5	5	8	12	6	9	6	6	6	4	2	0	0	0	0	1	0	0	0	4
12	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	0	0	0	0	2	1	2	2	2	1	0	3	1	2	2	1	0	2	0	2	2	2	1
14	2	2	4	3	2	2	5	6	11	9	6	4	5	4	0	5	7	6	6	8	5	3	4	4	5
15	3	3	3	5	7	12	10	-	4	-	-	-	4	5	5	6	4	3	3	3	4	7	5	4	5
16	11	9	7	7	6	5	10	13	8	9	14	14	13	10	6	2	0	0	0	0	0	0	0	0	6
17	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	3	0	3	2	0	1
18	1	2	2	0	0	2	2	4	5	6	4	3	2	1	0	2	0	0	0	0	2	4	4	4	2
19	4	4	2	4	4	3	5	8	11	9	9	6	7	7	7	8	5	4	5	4	5	7	6	7	6
20	6	5	3	3	4	4	6	9	7	5	9	6	5	8	7	6	5	8	3	1	0	0	4	4	5
21	5	3	0	0	1	2	4	6	2	1	2	2	2	4	4	2	2	3	0	5	3	9	4	2	3
22	2	3	1	0	0	0	1	3	2	3	2	0	4	0	3	0	3	0	0	2	0	2	0	0	1
23	2	0	2	3	3	5	10	-	-	-	7	9	9	9	7	8	7	5	5	7	8	4	4	7	6
24	7	7	5	1	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1
25	0	0	0	2	1	2	0	3	2	0	2	2	0	0	2	1	0	3	3	2	0	2	2	3	1
26	5	4	7	6	3	5	6	6	5	5	7	4	6	7	8	6	4	4	4	4	4	3	3	3	5
27	5	6	-	-	-	-	-	-	6	2	4	5	6	5	7	8	0	2	0	1	0	4	5	2	4
28	2	1	2	4	2	3	3	6	3	2	2	-	0	3	2	4	0	3	0	0	1	0	1	0	5
29	2	2	0	0	0	0	2	2	3	1	3	2	3	2	2	4	5	3	3	1	2	3	2	2	2
30	1	2	2	3	3	5	5	6	4	3	7	5	5	3	3	3	3	3	3	4	3	4	6	8	4
31	6	5	5	5	5	4	5	5	5	8	4	2	4	2	3	3	3	2	0	1	0	2	1	1	3
MEAN	3	3	3	3	3	3	4	5	5	4	5	4	4	4	4	3	2	2	2	2	2	3	3	3	3.3

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	1	1	0	1
2	0	0	2	0	0	0	0	0	0	0	1	1	0	2	1	2	1	3	1	0	1	0	2	2	1
3	2	3	2	3	3	3	4	5	6	8	8	6	4	3	8	4	2	2	2	2	2	3	2	2	4
4	2	2	3	3	3	6	7	6	7	6	9	3	6	7	9	5	5	5	4	4	4	5	5	4	5
5	5	4	5	7	5	6	7	2	-	2	5	5	5	4	4	4	5	2	3	3	4	2	1	0	4
6	1	0	0	0	0	0	0	0	2	1	1	2	3	0	5	2	2	3	3	3	2	1	3	3	2
7	2	0	1	0	0	2	1	2	1	0	1	0	1	0	0	1	2	0	2	3	2	2	1	1	1
8	2	1	0	1	0	0	2	1	0	1	1	0	0	1	2	0	0	1	2	2	3	2	2	1	1
9	1	2	0	0	1	0	2	4	3	4	2	4	6	5	5	5	6	6	2	3	2	2	2	2	1
10	1	1	0	1	0	3	6	6	6	3	3	2	2	1	1	0	2	2	3	3	6	6	8	11	3
11	13	11	6	5	4	7	5	7	5	7	6	3	5	5	7	6	3	4	7	3	6	5	6	6	6
12	5	5	6	6	4	8	6	8	7	7	7	5	5	6	7	8	5	7	6	8	5	7	6	6	6
13	5	6	6	5	4	5	6	6	3	4	4	5	5	6	5	3	6	3	2	2	4	4	6	4	5
14	4	1	0	2	1	2	1	3	1	3	3	1	1	2	2	1	2	0	3	2	2	2	2	3	2
15	2	2	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0
16	0	1	4	0	0	2	5	4	3	2	0	0	0	0	0	0	2	2	1	-	4	0	-	5	2
17	2	2	2	1	0	4	5	8	7	4	3	3	3	2	0	1	2	0	2	2	3	1	2	2	3
18	0	0	0	1	1	4	4	5	8	9	7	6	6	6	6	6	3	3	3	2	3	4	3	4	4
19	4	3	5	5	6	6	8	8	7	6	5	5	6	4	5	3	4	2	3	2	2	4	2	5	5
20	7	5	7	12	8	9	13	10	12	9	11	8	9	10	7	9	7	7	8	9	6	6	7	8	9
21	6	8	7	8	10	9	9	10	9	8	11	8	7	7	7	7	6	8	7	8	6	7	10	9	8
22	7	5	4	5	5	5	6	7	8	8	8	9	8	7	6	7	6	-	0	3	4	3	6	6	6
23	5	6	6	3	3	4	6	7	7	7	4	4	2	0	3	3	3	2	0	0	2	1	0	0	3
24	0	0	0	0	2	2	4	4	0	2	4	2	2	3	0	2	1	2	0	1	3	3	2	2	2
25	5	7	6	7	7	9	9	17	17	14	9	6	6	5	4	4	4	3	3	3	3	4	3	5	7
26	6	5	6	7	8	7	11	17	13	13	7	6	8	9	11	12	10	7	8	7	6	6	6	7	8
27	7	9	8	7	7	7	7	7	7	7	7	2	6	4	7	5	4	3	3	4	5	5	4	4	5
28	3	3	3	3	3	3	4	5	5	6	6	5	5	6	3	0	2	3	3	2	3	4	1	2	3
29	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
30	0	0	0	3	2	2	2	0	0	0	0	1	2	0	0	1	2	2	0	2	2	3	3	2	1
31	4	2	2	2	3	3	6	6	6	6	6	4	4	4	8	5	4	4	5	5	5	5	5	5	5
MEAN	3	3	3	3	3	4	5	5	5	4	4	3	4	4	4	3	3	3	3	3	3	3	3	4	3.6

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE







ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.5	10	28
FEB	29	4.0	11	19
MAR	31	4.0	9	23
APR	30	4.2	10	20
MAY	30	3.5	6	14
JUN	30	4.8	9	24
JUL	31	3.3	7	17
AUG	31	3.6	9	17
SEP	30	4.0	9	16
OCT	31	4.4	14	25
NOV	29	4.7	10	25
DEC	31	4.9	10	21
YEAR	364	4.2	14	28

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	307	383	31	8	2	0	0	731
FEB	447	223	13	3	0	0	0	686
MAR	472	215	14	2	1	0	0	704
APR	465	194	41	4	0	0	0	704
MAY	469	228	13	0	0	0	0	710
JUN	395	272	39	4	1	0	0	711
JUL	505	208	14	1	0	0	0	728
AUG	465	254	13	3	0	0	0	735
SEP	461	226	23	1	0	0	0	711
OCT	455	241	17	11	4	0	0	728
NOV	414	248	37	2	2	0	0	703
DEC	367	316	23	7	1	0	0	714
YEAR	5222	3008	278	46	11	0	0	8565

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.5	0	0.0	1.9	3.1	4.8	7.7	9.4	12.0	14.0	28	4.2

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	0	4	9	12	5	6	6	*****
2	5	4	2	1	2	1	3	2	6	2	0	0	***	7	0	0	0	4	2	2	9	4	3	2	3
3	2	2	3	4	8	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	2	1	1	1
4	2	5	0	5	5	2	0	1	0	2	3	3	2	1	0	3	9	5	3	3	3	6	6	8	3
5	6	4	4	3	3	4	10	15	13	14	14	14	6	0	3	2	0	2	5	6	4	5	3	5	6
6	4	4	5	4	4	4	6	7	8	5	4	2	2	3	3	3	7	11	3	5	12	8	8	7	5
7	4	0	2	2	2	3	3	11	8	6	6	4	3	3	3	3	5	2	6	5	0	6	4	6	4
8	5	4	3	3	4	4	7	11	13	10	11	13	8	***	0	0	0	7	6	0	8	6	3	0	5
9	0	5	7	1	0	3	4	2	9	7	0	1	2	0	6	2	0	4	6	6	6	7	5	4	4
10	4	3	4	4	4	4	4	5	6	5	4	1	0	0	3	3	3	6	9	9	11	11	20	13	6
11	6	4	3	3	3	0	0	0	9	4	4	0	0	4	0	1	2	2	4	2	9	6	6	4	3
12	5	4	3	2	2	2	4	7	9	10	10	7	6	5	***	15	***	***	***	***	***	6	0	2	6
13	3	9	2	4	4	5	6	14	12	9	***	3	5	0	3	6	5	4	2	4	5	5	4	3	5
14	3	3	2	2	1	2	6	2	2	2	***	0	3	1	***	0	0	0	7	0	0	0	6	8	2
15	0	0	0	8	2	0	8	9	6	6	4	4	5	3	***	***	3	5	9	6	6	9	9	4	5
16	2	1	0	0	1	2	-	***	3	4	3	3	4	***	4	4	5	4	4	6	7	6	5	4	3
17	3	2	2	2	2	2	3	0	3	6	6	4	4	5	5	4	5	6	5	10	6	4	2	2	4
18	2	1	1	0	0	0	1	1	3	3	4	5	3	0	9	6	3	8	10	6	16	11	6	6	4
19	7	5	4	4	4	4	4	6	9	4	2	0	1	***	3	5	5	5	7	3	3	4	4	3	4
20	3	2	7	8	3	3	0	0	2	2	3	2	2	2	0	3	3	2	3	4	4	5	9	4	3
21	3	3	3	3	0	0	4	2	8	0	0	2	4	6	0	9	5	4	5	5	0	0	0	3	3
22	4	7	5	3	2	4	6	7	7	7	7	5	5	0	***	4	8	7	7	6	4	4	3	4	5
23	6	2	3	3	3	4	4	9	13	12	12	11	***	11	***	10	8	6	6	5	5	5	5	5	7
24	5	2	0	0	6	8	4	4	4	5	0	11	8	6	6	5	2	4	7	11	13	9	14	16	6
25	15	6	11	8	6	6	6	7	4	3	4	4	3	10	0	2	2	4	0	0	1	0	4	9	5
26	***	1	0	4	5	6	4	***	-	-	4	7	8	9	10	9	9	10	10	5	6	7	7	5	6
27	4	5	2	4	9	2	8	13	8	6	5	10	10	13	12	20	13	11	9	11	9	11	8	8	9
28	8	7	6	5	3	0	4	3	10	***	0	0	3	4	***	15	9	6	1	3	11	2	0	3	5
29	10	7	6	3	4	4	5	3	6	4	-	6	7	7	8	6	14	11	6	4	4	7	7	6	6
30	9	11	4	6	6	4	7	11	12	-	***	***	9	9	9	9	9	7	6	10	13	14	15	16	9
31	13	13	16	16	14	19	12	14	17	11	10	6	1	3	8	7	0	4	8	5	0	0	0	2	8
MEAN	5	4	4	4	4	3	5	6	7	6	5	4	4	4	4	5	5	5	5	5	6	6	6	5	4.9

PERCENTAGE OF DATA VALID - 94.0

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	8	0	9	3	0	7	8	5	5	4	0	4	4	3	6	6	0	0	0	3	2	7	4
2	4	4	2	0	2	4	3	6	6	8	8	2	0	8	***	***	5	0	5	6	5	0	0	1	4
3	3	4	6	4	6	5	5	5	6	0	0	6	0	6	9	6	4	4	5	4	5	6	7	8	5
4	9	7	7	8	5	0	3	4	0	0	5	2	7	7	***	***	5	5	13	13	7	7	7	7	6
5	11	11	11	10	0	6	12	13	16	18	15	13	0	5	8	13	5	10	9	5	-	-	8	8	9
6	12	12	13	11	6	6	15	15	8	8	8	2	6	6	4	12	3	3	2	2	0	0	5	5	7
7	0	0	2	5	7	0	4	9	8	6	5	3	0	0	0	2	2	5	0	0	3	3	3	3	3
8	3	6	0	0	4	8	4	2	1	0	0	0	0	1	1	2	3	6	6	4	4	3	4	3	3
9	2	3	2	3	4	5	3	3	12	12	5	5	4	4	1	2	1	1	3	5	12	6	6	1	4
10	3	2	3	3	4	4	5	5	8	7	7	6	7	7	6	6	8	7	6	8	5	5	10	6	6
11	7	3	3	3	3	4	4	6	7	9	9	4	2	1	0	***	0	3	2	1	2	4	11	1	4
12	1	5	3	8	3	3	7	14	9	0	0	0	2	4	6	5	3	3	4	3	3	0	4	4	4
13	3	3	3	3	3	3	4	8	12	9	7	6	0	6	7	6	0	4	3	6	11	0	0	3	5
14	7	2	11	6	2	3	3	3	9	3	0	2	2	1	1	2	***	3	7	7	6	3	4	6	4
15	2	3	0	0	0	0	0	0	3	4	3	4	4	6	4	4	4	5	5	5	5	3	3	2	3
16	2	2	2	2	4	2	5	5	8	12	14	16	***	12	***	3	3	3	2	0	1	3	9	3	5
17	0	0	0	0	2	6	16	5	4	4	6	8	10	10	7	11	11	12	6	14	13	6	2	3	7
18	2	0	0	4	2	0	0	0	0	0	0	0	2	***	4	3	4	5	3	6	10	2	2	0	2
19	0	0	0	0	3	0	0	2	2	2	2	2	2	4	3	***	4	5	3	6	4	4	14	4	3
20	2	8	6	5	3	3	7	9	10	15	14	6	***	3	1	8	9	3	4	9	7	9	8	14	7
21	10	6	9	6	12	10	6	5	4	4	4	3	0	2	3	3	3	9	5	5	9	8	4	2	6
22	2	2	0	0	2	2	0	***	0	0	0	0	1	2	-	-	0	0	4	2	3	6	4	4	2
23	2	2	0	1	2	3	6	7	9	8	9	5	4	4	0	3	1	6	6	0	0	1	2	3	5
24	9	3	0	2	3	2	3	5	4	5	5	4	6	6	***	5	4	4	4	5	6	7	8	12	5
25	13	13	11	15	10	10	11	12	13	10	8	6	***	***	11	8	-	4	4	5	5	4	5	4	9
26	-	11	11	16	17	13	21	53	25	18	17	10	9	9	6	9	10	9	8	10	9	11	12	8	14
27	10	7	5	5	4	3	8	10	12	10	***	8	7	7	6	9	9	7	4	5	4	2	0	0	6
28	2	3	2	13	2	0	0	2	0	0	2	4	2	2	0	0	2	2	1	1	2	2	2	2	2
29	4	4	2	2	0	0	3	3	10	10	8	8	2	2	4	4	2	2	3	3	2	2	3	3	4
MEAN	5	4	4	5	4	4	5	8	7	6	6	5	3	5	4	5	4	5	4	5	5	4	5	4	4.9

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002

PHARMACY AND 401, SCARBOROUGH

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	2	3	8	8	8	9	8	9	6	-	0	3	****	0	2	1	2	2	4	12	9	0	5
2	0	2	11	6	3	0	0	8	8	0	3	11	9	6	6	5	-	-	****	0	9	8	5	-	5
3	5	3	0	0	0	0	5	8	17	7	1	5	2	2	****	9	2	2	5	2	3	3	8	12	4
4	10	5	9	13	6	5	6	10	10	5	2	3	4	8	2	2	0	0	0	0	0	0	2	2	4
5	3	2	3	4	9	4	15	14	24	17	11	4	3	0	3	3	2	0	0	2	0	1	2	-	5
6	4	3	2	3	9	6	0	0	0	0	1	2	0	3	1	0	0	0	7	9	6	4	5	0	3
7	0	-	-	0	0	0	2	1	0	0	1	1	2	2	2	1	0	1	5	5	1	1	3	7	2
8	6	0	0	1	10	9	9	12	8	9	7	4	2	31	0	3	1	1	2	0	5	9	12	7	6
9	5	10	-	36	27	22	21	14	2	0	0	****	0	2	4	1	0	2	4	7	4	8	7	5	8
10	8	6	11	3	7	7	6	6	6	6	11	8	****	10	9	10	9	10	9	10	6	5	6	6	8
11	4	5	3	6	6	7	9	10	8	9	8	-	-	-	****	3	7	5	7	7	8	15	14	14	8
12	0	7	9	12	13	0	0	0	1	****	****	2	0	-	****	1	2	3	4	4	4	4	5	4	4
13	4	4	4	3	0	0	0	1	2	1	2	1	2	2	2	2	2	1	2	2	3	9	0	1	2
14	2	9	10	3	0	0	2	2	2	3	3	3	2	2	2	2	2	3	6	2	1	1	0	0	3
15	3	3	2	2	3	2	4	13	8	5	6	6	****	12	8	7	6	5	7	7	3	12	3	0	6
16	0	3	2	1	5	3	****	****	****	7	10	8	12	15	****	19	7	8	4	2	4	9	11	2	7
17	2	0	0	11	0	2	9	8	11	2	3	4	2	6	8	13	1	3	4	4	10	10	8	5	5
18	5	6	5	2	0	12	15	18	11	3	4	5	3	2	2	3	4	5	4	10	11	0	0	2	6
19	3	3	12	7	3	7	14	15	9	****	****	7	0	8	****	7	5	6	3	3	4	4	5	6	6
20	4	5	5	7	6	5	6	7	7	6	6	5	6	5	4	4	3	4	4	3	3	3	3	1	5
21	2	0	2	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	7	2	8	8	1
22	6	5	-	8	3	6	11	12	4	-	0	5	7	6	4	4	2	7	9	8	0	3	7	0	5
23	3	3	4	11	0	0	11	6	5	8	****	3	3	4	2	3	2	3	2	3	3	5	5	6	4
24	5	6	11	5	6	5	6	7	8	****	8	7	6	4	****	6	3	3	3	4	4	3	4	4	5
25	2	1	2	2	0	3	3	6	7	****	7	4	3	5	6	7	6	4	5	4	4	5	6	8	4
26	2	2	5	5	8	8	11	11	2	0	****	1	1	4	5	****	2	2	0	3	7	6	5	9	5
27	9	4	10	12	10	5	4	4	3	3	3	3	3	3	-	3	2	2	0	-	0	0	0	0	4
28	0	0	0	0	0	0	0	0	1	2	2	2	3	2	3	3	2	2	2	3	4	5	8	13	2
29	9	8	7	8	2	1	0	0	0	0	0	0	3	2	2	1	0	0	0	0	0	0	0	0	2
30	0	0	0	1	0	****	6	0	0	0	1	2	3	3	3	0	2	2	1	1	3	5	15	8	2
31	4	5	5	3	2	5	3	4	5	6	6	-	-	****	6	2	2	2	7	8	9	6	5	4	5
MEAN	4	4	5	6	5	4	6	7	6	4	4	4	3	5	4	4	3	3	4	4	4	5	6	5	4.5

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002

PHARMACY AND 401, SCARBOROUGH

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	1	2	4	3	3	4	4	3	3	3	2	3	2	2	0	2	2	2	2	3	6	3
2	2	2	3	6	5	6	10	8	7	6	8	9	6	8	-	****	5	6	2	4	4	4	5	3	5
3	3	3	1	1	2	2	4	5	4	4	4	4	3	2	2	2	2	1	2	2	0	1	1	1	2
4	0	0	0	0	0	0	0	8	3	0	0	0	0	2	2	0	0	0	0	0	0	1	2	2	1
5	2	1	1	2	1	3	12	5	4	5	3	****	0	2	3	2	1	3	3	0	0	0	3	3	3
6	5	5	6	6	4	4	11	11	9	9	****	5	5	5	5	4	4	3	2	2	2	3	4	4	5
7	4	3	4	3	6	7	2	4	6	****	****	0	8	0	8	5	3	0	0	1	2	2	3	3	3
8	2	4	3	3	3	4	4	6	-	5	6	4	4	5	****	5	3	2	0	0	0	2	2	2	3
9	2	3	2	3	3	13	4	5	7	****	****	4	4	****	3	0	2	2	2	3	6	5	5	6	4
10	4	4	3	1	3	3	4	5	5	4	3	2	2	2	2	1	2	2	2	2	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	0
12	7	9	3	0	0	0	3	5	5	5	0	5	0	****	5	5	4	3	3	2	2	1	2	2	3
13	3	3	4	3	4	3	3	4	8	10	9	7	6	7	7	5	5	4	4	4	6	4	5	6	5
14	5	6	6	5	7	16	20	17	14	11	2	9	8	6	1	****	6	7	7	6	7	7	9	8	9
15	8	9	11	11	9	8	14	9	8	9	10	8	8	12	9	11	13	12	8	10	8	5	9	8	8
16	4	5	6	4	3	5	10	7	6	6	4	5	4	5	4	-	6	3	3	7	6	6	5	5	5
17	6	5	4	5	5	5	6	9	8	6	8	9	6	4	4	-	0	3	4	4	4	4	5	6	5
18	8	10	11	13	8	9	11	12	10	6	6	4	4	4	4	4	3	4	3	5	4	6	7	8	7
19	7	7	3	3	0	0	3	8	6	6	6	3	3	3	3	4	5	6	7	9	6	8	9	12	10
20	6	6	4	5	5	8	14	13	12	0	****	11	8	****	11	5	4	3	3	5	8	-	2	10	7
21	8	7	9	12	8	3	3	2	-	2	****	1	1	6	14	6	8	3	3	4	11	13	6	4	6
22	4	3	3	3	3	3	3	4	4	****	0	2	2	2	1	3	3	3	2	1	4	5	2	1	3
23	3	2	2	0	2	4	5	8	8	9	8	8	8	6	8	6	6	3	2	5	5	7	5	3	5
24	4	4	4	3	2	3	3	3	0	0	0	1	0	0	0	0	0	0	2	3	3	3	3	2	2
25	3	2	0	0	0	0	0	0	0	2	0	0	2	2	2	2	3	3	2	0	2	3	3	1	1
26	1	2	2	2	2	****	5	6	6	6	6	7	****	4	6	5	4	3	2	3	3	4	3	3	4
27	2	3	2	2	4	4	7	5	5	5	5	2	9	3	5	5	3	4	3	3	4	3	4	3	4
28	3	2	2	3	3	4	7	7	8	****	****	6	6	6	0	0	3	3	9	9	3	3	3	3	4
29	5	5	5	3	4	6	9	11	10	9	6	6	5	5	6	5	5	3	3	4	5	5	6	6	6
30	6	4	5	2	4	6	8	9	7	4	3	1	0	0	0	0	0	0	0	2	3	2	3	4	3
MEAN	4	4	4	4	3	5	6	7	6	5	4	4	4	4	4	3	4	3	3	3	4	4	4	4	4.2

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	5	3	3	4	4	9	7	5	4	3	2	3	2	1	2	2	4	4	4	3	5	5	4
2	3	2	4	6	4	4	3	4	5	3	6	3	2	2	1	0	0	0	3	2	2	1	0	0	3
3	0	0	0	0	0	0	2	3	3	3	***	11	11	-	-	-	-	0	-	2	2	0	3	2	
4	2	2	2	3	3	5	8	6	5	4	5	4	3	3	1	1	1	2	2	2	3	2	2	3	
5	2	3	4	4	4	4	5	5	5	5	4	4	2	5	6	6	4	3	3	3	3	4	4	4	
6	3	3	3	3	3	6	7	9	7	***	9	10	10	9	***	4	6	4	2	3	5	4	5	3	5
7	4	3	3	3	3	4	6	6	7	14	5	4	7	6	***	5	4	5	5	4	3	5	8	4	5
8	0	1	2	2	2	4	3	4	4	4	3	2	0	1	0	1	0	0	0	***	0	0	1	2	2
9	2	2	2	2	2	3	3	4	3	4	3	2	3	2	2	1	1	0	0	1	3	6	7	4	3
10	17	13	18	14	10	8	15	6	4	0	5	4	5	5	4	4	3	0	1	2	3	4	4	4	6
11	5	4	3	3	4	8	8	10	7	8	7	-	***	-	-	***	5	5	3	3	3	3	3	3	5
12	3	2	3	3	6	6	9	7	5	8	8	6	7	6	7	6	3	3	3	2	0	0	1	2	4
13	2	3	3	3	3	9	3	3	4	3	3	4	2	2	2	2	1	1	2	3	3	2	5	9	3
14	6	4	5	6	4	6	7	8	9	7	7	6	4	4	5	4	5	8	8	10	12	11	10	11	7
15	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	2	3	2	2	***
16	2	1	0	0	0	2	1	2	0	2	2	2	2	3	2	3	2	2	3	4	8	8	5	***	2
17	***	6	5	4	4	3	***	***	***	4	3	3	3	2	7	4	7	4	3	3	3	4	2	2	4
18	2	2	2	3	3	8	8	9	8	8	8	8	0	10	6	6	4	4	3	4	3	3	4	4	5
19	-	2	2	3	4	5	6	5	5	4	3	2	2	***	6	5	4	4	3	2	3	3	2	2	4
20	2	2	2	2	1	3	3	3	3	***	1	***	10	8	3	5	4	3	3	4	5	0	2	3	3
21	3	0	2	0	1	3	1	1	2	2	***	7	6	6	4	3	2	2	1	3	3	2	2	2	3
22	2	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	2	1	1	1	0	0	0	***	***	***	***	2	-	***	3	2	7	7	5	7	8	7	6	7	4
26	6	6	7	7	14	17	16	15	5	7	7	7	***	6	10	6	6	8	7	8	9	9	12	9	9
27	10	9	11	10	10	13	11	14	13	9	8	3	4	8	3	2	3	2	3	3	3	4	4	4	7
28	5	14	10	23	21	13	10	9	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29																									
30																									
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	4	10	13	14	12	17	12	8	***
MEAN	4	3	4	4	4	5	5	6	5	5	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 82.9

PERCENTAGE OF DATA INVALID - 13.4

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	6	5	8	9	11	11	12	15	12	9	12	5	5	4	9	9	7	11	9	14	24	21	10
2	19	16	13	13	14	13	15	8	3	3	***	1	***	10	1	0	0	0	0	1	10	13	14	15	8
3	14	11	11	13	14	17	22	19	15	14	11	7	5	5	4	3	3	3	0	2	3	16	15	9	10
4	17	12	8	8	8	8	11	3	4	***	11	2	0	1	***	0	0	0	0	1	8	13	11	9	6
5	11	6	6	8	7	7	8	7	4	2	2	1	2	2	0	2	1	2	3	0	0	5	5	4	4
6	5	3	3	2	3	3	2	2	1	2	2	2	3	0	0	2	2	3	2	2	2	5	4	6	3
7	8	5	3	5	4	9	14	14	13	18	14	10	11	12	10	10	8	7	8	10	7	8	10	6	9
8	6	5	8	8	9	17	21	17	13	12	10	10	8	***	8	7	8	6	8	8	12	9	12	11	10
9	13	9	8	4	9	12	15	17	14	12	6	7	5	3	5	5	5	4	3	4	5	7	17	9	8
10	16	10	9	8	7	7	8	22	8	***	8	9	5	2	3	3	3	3	5	5	5	6	5	5	7
11	3	5	5	5	6	10	7	11	8	***	7	3	4	7	-	-	-	***	0	0	0	0	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	***	0	0	0	***	3	3	4	4	3	5	5	3	9	7
17	5	4	3	6	8	12	12	15	11	10	9	6	2	5	6	5	3	3	4	2	2	5	15	14	7
18	10	8	7	14	15	16	11	6	2	11	3	3	1	2	3	3	4	3	2	3	4	3	2	2	6
19	4	3	5	5	6	4	3	***	3	0	1	0	0	2	2	1	2	0	0	0	0	2	1	6	2
20	2	0	0	0	0	0	0	1	0	2	2	0	1	1	0	0	2	3	4	4	7	6	9	2	2
21	4	4	5	6	8	12	10	4	3	***	16	5	4	0	1	3	2	3	2	0	3	9	9	5	5
22	8	8	9	6	9	7	11	7	7	6	5	4	4	4	4	6	4	3	3	4	5	11	11	-	6
23	12	***	12	11	12	15	20	15	-	4	2	4	3	4	3	3	3	2	2	2	3	10	9	8	7
24	9	8	9	6	17	13	9	7	6	8	0	6	11	11	5	7	5	2	3	4	2	2	1	2	6
25	3	5	8	4	5	8	11	11	10	11	9	3	***	8	5	6	5	4	5	5	1	0	0	2	6
26	2	3	2	3	3	2	2	4	3	0	2	0	3	6	2	3	2	0	0	2	0	2	2	2	6
27	3	2	1	3	0	2	2	3	3	2	2	3	0	1	0	2	2	0	1	0	4	-	0	2	2
28	3	6	5	3	7	13	13	11	9	10	9	3	0	6	3	5	7	5	7	3	2	2	2	2	6
29	1	1	8	7	7	9	4	13	11	7	5	3	3	4	0	5	7	7	7	15	7	6	13	12	7
30	12	10	12	7	7	5	5	2	3	***	2	3	2	2	0	2	2	-	2	1	2	3	2	2	4
MEAN	7	5	6	5	6	8	8	8	6	6	5	3	3	4	3	3	3	3	3	3	4	6	7	6	5.0

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.0

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 33002					PHARMACY AND 401, SCARBOROUGH										MONTH - JUL 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	0	****	0	2	3	0	2	0	4	3	3	4	3	3	2	3	****	3	0	1	0		
2	1	0	0	0	0	0	2	3	3	0	0	1	0	0	4	4	3	4	3	4	2	3	3	2		
3	2	0	2	2	2	1	1	3	2	3	2	2	2	2	0	1	2	3	2	3	0	0	2	2		
4	2	2	1	0	0	0	0	2	2	2	0	0	0	1	2	2	3	0	3	2	3	6	5	4		
5	4	3	2	5	7	10	13	10	11	10	5	7	9	12	9	3	5	4	4	5	10	8	9	11		
6	14	5	7	9	13	9	7	7	4	7	5	6	4	3	2	0	0	6	5	8	10	5	5	4		
7	12	8	11	12	13	15	17	13	14	6	7	5	4	0	4	3	3	2	7	4	4	4	5	9		
8	7	5	5	4	3	2	11	12	11	7	10	8	7	7	0	5	5	4	4	3	4	5	6	-		
9	6	6	5	5	7	10	11	13	****	6	6	6	5	4	1	2	0	0	0	1	2	2	3	4		
10	5	2	5	4	3	3	3	5	3	3	3	3	1	2	2	2	2	3	2	3	2	3	3	3		
11	4	3	4	3	4	5	4	4	4	2	0	2	0	2	3	2	0	1	2	2	2	3	4	4		
12	3	2	2	2	2	4	6	4	6	-	7	6	7	8	8	6	4	3	4	3	3	3	3	2		
13	3	2	3	3	4	3	8	7	7	-	9	6	7	7	5	6	5	4	3	4	5	4	3	5		
14	5	4	5	5	5	11	9	8	-	8	9	10	-	12	3	3	2	3	3	2	5	3	2	1		
15	3	9	8	8	8	10	7	-	****	-	2	0	2	2	2	0	2	2	0	2	2	3	10	4		
16	9	10	10	5	9	8	9	6	6	8	9	10	8	11	6	5	4	3	4	0	0	3	1	2		
17	1	1	1	2	2	0	2	3	2	2	2	0	0	0	0	0	0	0	2	0	2	0	0	0		
18	3	2	2	1	0	0	0	2	0	1	1	0	0	1	2	0	0	0	2	0	0	2	2	2		
19	2	1	4	3	0	6	2	6	4	4	5	5	****	****	2	3	2	2	4	3	3	3	2	3		
20	3	2	2	2	3	4	4	3	5	5	5	3	4	5	10	5	2	3	3	3	3	3	7	7		
21	5	5	3	4	6	10	12	10	28	6	4	0	0	0	0	0	0	2	0	0	6	9	8	6		
22	7	6	5	4	6	0	2	1	2	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2		
23	2	2	3	6	11	15	7	-	-	-	8	5	5	12	5	5	4	4	3	4	5	2	1	8		
24	11	6	4	2	2	3	3	3	3	3	2	2	2	2	2	0	0	2	0	0	0	2	1	2		
25	0	0	0	1	2	0	2	1	2	0	0	0	0	0	1	0	0	0	0	2	2	4	3	5		
26	6	7	6	6	4	4	6	6	3	3	3	3	3	3	3	3	2	2	2	2	5	5	3	2		
27	4	5	-	-	-	-	-	-	11	10	10	7	8	8	8	7	6	5	6	7	7	9	10	10		
28	6	4	7	8	8	10	14	10	2	0	2	-	7	0	2	0	0	0	2	0	0	0	0	0		
29	0	2	2	0	0	0	0	2	2	0	0	1	5	6	6	6	5	6	4	4	5	6	6	5		
30	5	3	7	6	9	10	11	13	13	****	9	****	2	2	3	0	3	3	2	1	3	3	3	5		
31	7	7	3	4	4	5	7	7	3	3	2	0	2	2	1	3	1	1	2	0	2	1	0	1		
MEAN	5	4	4	4	5	5	6	6	6	4	4	4	3	4	3	3	2	2	3	2	3	3	3	4		

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 33002					PHARMACY AND 401, SCARBOROUGH										MONTH - AUG 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	0	1	2	0	0	2	1	2	1	0	0	1	1	0	1	2	0	1	2	1
2	1	0	0	0	0	0	1	2	2	1	2	2	1	0	2	0	1	1	1	2	1	4	5	4	1
3	3	3	5	4	5	5	6	6	5	3	3	3	1	3	2	0	2	2	2	7	2	1	2	2	3
4	1	0	7	2	3	3	4	3	5	***	4	3	1	***	3	3	3	3	4	1	3	3	4	4	3
5	3	3	8	5	3	7	5	5	-	0	3	3	2	9	3	2	2	1	3	3	5	4	4	3	4
6	5	1	2	3	5	8	9	7	9	7	7	6	7	8	5	3	3	2	0	0	0	2	6	4	5
7	3	3	3	3	3	4	3	3	3	3	3	0	2	0	0	2	0	0	0	2	3	2	2	1	2
8	0	0	2	0	0	2	0	0	0	0	2	0	0	2	1	3	2	2	3	3	3	5	4	3	2
9	3	6	4	4	7	10	11	13	13	10	13	10	***	9	8	5	3	7	5	5	6	6	7	7	7
10	0	4	6	5	6	11	14	11	11	4	9	9	7	7	7	5	5	6	5	8	10	6	5	7	7
11	16	10	8	12	6	5	4	6	6	4	6	3	5	2	2	4	3	3	3	3	3	3	4	4	5
12	2	4	3	4	5	4	4	4	5	4	3	3	3	4	0	2	2	2	3	2	3	2	3	3	3
13	4	2	2	4	4	4	3	5	7	10	3	3	3	3	0	0	4	4	6	3	6	5	6	3	4
14	6	***	3	2	2	2	4	4	4	4	0	0	0	0	1	2	2	2	2	1	3	0	1	2	2
15	2	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3	4	4	2	1
16	2	3	3	2	4	6	10	9	8	6	7	6	10	4	4	5	6	4	2	-	13	8	-	7	6
17	4	5	4	7	6	11	16	12	15	8	7	6	6	6	4	3	3	4	4	6	5	6	3	3	6
18	2	3	1	3	4	8	7	7	9	4	4	3	2	3	12	2	2	2	1	0	7	10	10	10	5
19	8	10	6	10	10	15	14	4	3	3	2	2	2	0	3	1	0	0	0	2	3	2	3	8	5
20	8	8	7	10	10	8	8	10	8	***	5	5	4	5	***	4	6	5	6	5	4	6	6	6	7
21	6	7	5	7	5	5	11	6	7	7	5	5	4	5	12	5	4	3	5	4	5	5	6	7	6
22	5	5	6	4	3	4	4	6	5	4	3	3	4	4	3	3	3	-	3	4	11	7	7	7	5
23	6	8	8	6	6	9	11	13	13	13	9	11	***	2	9	7	5	4	5	5	5	7	5	6	8
24	5	5	6	5	9	14	15	11	6	3	6	6	2	3	0	0	0	0	0	1	3	9	14	12	6
25	14	11	10	15	14	17	29	26	9	12	10	7	5	4	3	3	1	1	0	3	9	12	17	16	10
26	17	12	13	15	17	23	24	22	22	***	6	4	6	6	***	9	6	5	6	6	4	3	5	6	11
27	3	9	8	6	6	5	8	8	3	3	4	4	3	2	5	6	0	1	3	2	2	3	3	2	4
28	2	0	2	3	2	0	2	2	3	3	3	2	2	1	0	0	2	2	1	2	1	4	4	3	2
29	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	3	5	3	1
30	3	3	3	4	3	9	15	11	11	11	11	7	10	9	8	7	7	6	4	5	10	8	9	8	8
31	7	5	5	8	4	9	13	9	7	4	5	4	5	***	0	3	3	3	5	4	4	5	5	5	5
MEAN	5	4	5	5	5	7	8	7	7	5	5	4	3	4	3	3	3	3	3	3	5	5	5	5	4.6

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY







ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	4.9	9	20
FEB	29	4.9	14	53
MAR	31	4.5	8	36
APR	30	4.2	9	20
MAY	26	4.0	9	23
JUN	30	5.0	10	24
JUL	31	3.8	8	28
AUG	31	4.6	11	29
SEP	27	5.5	12	36
OCT	29	5.4	9	23
NOV	30	5.2	11	28
DEC	31	5.8	13	33
YEAR	355	4.8	14	53

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	382	254	54	9	0	0	0	699
FEB	375	234	54	8	2	0	1	674
MAR	413	234	44	4	4	2	0	701
APR	427	238	28	3	0	0	0	696
MAY	421	165	24	5	2	0	0	617
JUN	384	207	84	16	5	0	0	696
JUL	479	206	31	1	1	0	0	718
AUG	433	240	44	7	6	0	0	730
SEP	337	220	62	12	7	1	0	639
OCT	354	249	63	12	3	0	0	681
NOV	364	264	54	8	10	0	0	700
DEC	349	241	83	21	13	1	0	708
YEAR	4718	2752	625	106	53	4	1	8259

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

94.0

0

0.0

1.9

3.4

5.5

9.8

12.1

15.0

17.8

53

4.8

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	2	2	0	0	0	0	0	0	2	2	5	1	0	3	0	4	4	3	2	4	1
2	2	3	0	1	1	1	1	2	3	2	2	0	0	0	0	***	0	2	2	2	4	5	7	5	2
3	4	4	4	4	3	2	3	3	3	3	4	4	3	3	2	3	3	2	3	3	3	2	3	2	3
4	2	2	2	3	1	2	0	0	0	2	2	3	4	2	1	3	4	3	2	3	3	4	7	2	2
5	0	1	2	0	0	2	4	10	11	12	14	12	11	11	6	5	3	4	5	6	5	6	4	7	6
6	0	6	7	7	6	7	9	14	9	7	6	6	6	4	4	4	6	8	8	8	7	8	9	9	7
7	6	5	5	5	5	5	5	8	9	7	8	8	8	3	2	3	3	1	2	2	0	1	0	4	4
8	0	0	0	0	0	1	4	12	10	10	7	9	12	5	5	4	5	6	5	4	5	4	5	6	5
9	4	4	4	3	4	5	6	6	8	6	5	4	4	2	2	0	4	5	3	4	5	7	6	5	4
10	6	4	4	4	5	5	6	6	7	7	8	5	4	3	4	5	5	5	6	8	10	13	14	6	6
11	6	4	3	4	3	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3	4	4	4	3	3
12	2	3	3	2	2	2	3	7	7	6	9	5	6	12	5	7	7	6	7	9	10	5	6	5	6
13	5	5	6	7	6	7	8	11	10	8	8	8	7	5	5	7	6	4	3	4	3	4	4	4	6
14	4	4	3	2	0	0	3	5	3	3	2	2	2	2	3	2	3	4	3	3	3	3	2	2	3
15	2	1	2	1	2	2	3	5	6	7	5	5	5	3	4	7	9	7	10	9	7	7	7	3	5
16	3	3	4	3	3	3	-	****	5	6	6	6	4	****	2	0	3	3	2	3	1	2	0	3	3
17	2	2	0	0	1	0	1	3	4	4	5	5	5	5	5	7	5	6	5	6	6	4	2	2	4
18	2	3	2	0	0	1	1	1	2	3	4	5	5	6	8	8	7	10	12	14	13	10	10	9	6
19	10	9	6	7	6	7	9	9	8	6	6	5	5	6	4	4	6	6	6	6	6	5	5	5	6
20	4	4	4	4	4	5	3	5	7	5	5	4	3	2	4	1	0	3	2	2	2	4	3	4	4
21	4	3	4	4	3	3	4	6	7	7	6	5	6	****	4	8	9	7	7	5	2	1	0	0	5
22	0	0	0	0	0	0	2	5	4	2	3	3	1	3	2	3	6	4	3	4	2	2	2	1	2
23	3	0	0	2	2	2	3	7	9	8	7	8	7	11	7	5	3	2	2	2	3	2	2	2	4
24	2	2	0	0	0	0	0	2	2	2	3	3	2	2	1	2	2	2	2	2	8	7	6	9	3
25	8	8	9	7	5	4	3	3	2	3	3	1	2	0	3	3	2	2	0	0	2	2	0	0	3
26	****	4	4	5	4	5	6	8	-	-	5	6	11	9	3	13	16	10	9	6	5	4	4	2	7
27	2	2	2	2	2	3	6	10	8	6	5	5	4	5	5	4	5	5	6	6	8	6	5	3	5
28	3	3	2	2	2	3	3	6	9	9	6	4	4	5	0	8	8	5	5	4	4	5	5	5	5
29	5	5	5	5	4	7	6	8	7	4	-	2	5	1	2	2	3	3	3	3	3	3	3	4	4
30	4	4	2	1	0	2	3	3	3	-	****	3	3	3	2	3	2	2	2	0	3	3	5	7	9
31	9	13	12	16	11	12	13	18	21	16	11	5	6	5	3	4	4	5	5	4	3	4	3	4	9
MEAN	3	4	3	3	3	3	4	6	6	6	5	5	5	4	3	4	5	4	4	4	5	5	4	4	4.3

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	6	2	0	0	0	0	0	0	3
2	0	0	0	0	0	0	1	4	5	4	5	4	3	3	3	3	3	3	3	3	3	3	3	2	2
3	3	3	3	3	4	4	4	7	7	6	5	7	7	7	5	6	7	6	7	6	6	8	10	8	6
4	8	7	7	7	8	6	7	7	5	3	7	8	2	2	1	1	0	0	1	1	1	1	4	4	4
5	4	4	2	2	0	2	2	3	3	3	3	4	4	1	2	2	2	3	2	3	-	-	-	-	3
6	5	6	5	5	0	0	6	6	5	5	1	6	3	0	4	2	4	4	0	0	6	6	0	4	3
7	4	3	2	0	0	0	1	3	7	7	8	7	4	2	2	3	3	3	2	2	3	3	3	2	3
8	3	4	3	3	3	3	3	6	4	3	2	2	0	0	1	1	2	2	2	2	3	3	3	2	3
9	0	0	0	2	2	0	6	6	8	8	5	5	3	3	1	0	4	4	4	6	5	4	5	5	4
10	5	4	5	5	6	7	6	8	7	8	14	7	7	8	8	7	9	9	9	9	7	8	8	9	8
11	5	2	2	2	0	0	2	5	5	3	3	4	4	3	0	0	3	1	2	0	0	1	2	2	2
12	1	4	3	4	3	4	11	13	8	3	3	3	3	5	6	6	6	6	4	5	5	0	6	6	5
13	4	4	4	4	5	6	6	8	6	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	*****
14	0	2	2	3	4	2	5	9	6	4	2	2	2	1	2	2	***	1	2	3	3	3	3	4	3
15	2	3	2	2	2	1	1	2	3	3	3	4	5	6	5	5	6	6	7	6	7	4	2	0	4
16	1	1	2	1	3	2	3	7	8	6	6	4	5	3	3	3	4	3	2	1	2	1	1	2	3
17	2	2	1	1	2	3	8	7	5	2	3	3	4	4	3	4	6	6	5	6	7	4	0	2	4
18	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	-	3	4	5	10	2	3	2	3
19	2	2	2	1	2	2	2	3	3	3	3	2	2	3	0	3	4	3	2	3	1	1	2	2	2
20	2	2	0	1	3	3	6	6	5	4	5	4	5	4	3	4	3	5	6	6	7	6	6	8	4
21	8	7	8	7	6	6	5	4	3	3	3	3	2	2	3	2	3	4	5	5	5	6	4	2	4
22	1	2	0	0	2	2	4	0	0	0	0	1	0	1	-	-	0	0	2	0	0	2	0	1	1
23	0	0	0	0	0	0	2	3	5	6	5	6	9	4	4	4	4	3	3	3	3	2	3	3	3
24	3	3	3	3	3	3	5	5	6	5	7	6	6	5	6	6	7	6	5	6	8	9	11	15	6
25	15	10	9	11	9	9	11	13	11	12	****	3	10	8	7	7	-	3	6	7	9	7	6	7	9
26	-	13	10	10	13	14	13	23	22	15	12	9	9	11	9	12	15	11	9	9	8	9	8	8	12
27	7	7	8	5	5	6	7	9	7	4	3	3	4	2	6	3	2	2	4	3	4	2	0	0	4
28	1	2	1	5	4	1	0	0	0	1	1	0	0	0	1	1	0	0	2	2	0	0	0	0	1
29	1	1	0	0	4	4	0	0	5	5	8	8	3	3	5	5	1	1	6	6	0	0	2	2	3
MEAN	3	4	3	3	3	3	5	6	6	5	5	4	4	4	4	4	4	4	4	4	4	3	3	4	3.9

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	1	1	2	2	3	2	2	-	0	0	4	3	1	2	2	1	1	2	2	2	2
2	2	1	0	2	0	2	2	3	3	2	2	***	0	0	0	0	-	-	5	2	2	1	1	-	2
3	2	1	2	1	2	2	3	3	4	3	3	3	3	2	2	2	2	3	3	3	2	3	3	5	3
4	6	7	8	9	6	3	3	6	5	4	3	2	2	3	4	4	0	0	2	2	0	0	2	2	3
5	2	2	3	3	4	4	5	14	25	11	2	8	0	5	3	2	2	0	0	0	1	1	0	-	4
6	0	0	0	0	1	4	3	4	3	3	3	2	2	1	1	0	2	2	2	4	5	5	4	3	2
7	0	-	-	0	0	0	0	2	***	2	***	5	1	0	0	0	0	1	0	0	1	1	0	2	1
8	0	0	0	0	0	***	2	4	4	2	4	3	2	3	2	2	2	2	3	3	4	5	8	8	3
9	9	10	-	23	12	13	12	11	2	0	0	0	8	9	2	0	0	0	2	3	3	3	3	4	6
10	3	4	5	1	2	2	2	2	7	7	1	5	9	9	8	8	11	12	12	9	3	3	2	2	5
11	2	3	2	2	3	2	4	6	4	3	3	-	-	-	***	1	4	4	4	5	3	3	6	6	4
12	4	5	4	4	2	2	2	3	2	1	1	2	2	2	1	***	3	3	3	4	3	4	6	3	3
13	3	4	5	4	2	2	2	3	3	3	2	2	2	1	2	2	2	2	2	2	2	3	5	3	3
14	3	4	8	5	4	4	4	4	2	3	3	3	2	2	3	2	3	3	4	4	2	2	2	2	3
15	0	2	2	1	0	0	2	6	4	3	2	2	2	0	0	2	4	3	4	4	3	3	3	2	2
16	2	3	3	2	3	2	2	3	4	3	4	4	3	3	4	3	6	6	6	2	2	2	3	3	3
17	2	1	0	0	0	0	2	4	4	2	2	2	2	0	2	2	2	2	2	2	3	3	4	4	2
18	5	6	5	5	7	6	9	11	16	7	6	5	3	3	3	4	5	3	4	4	4	4	4	4	6
19	4	3	3	4	7	8	12	18	14	11	8	7	4	8	8	8	9	7	6	5	6	5	5	6	7
20	8	7	7	5	6	5	5	6	6	6	6	6	7	6	6	6	5	5	7	5	4	4	3	2	6
21	3	2	2	2	2	2	0	1	3	5	3	2	0	0	0	0	0	0	0	0	2	2	1	2	1
22	2	0	-	2	0	0	3	3	3	-	0	5	7	6	4	4	4	4	8	6	8	5	5	4	4
23	5	6	5	6	4	5	6	10	10	10	8	5	5	5	7	5	7	6	5	4	6	5	7	7	6
24	7	6	6	5	7	7	9	10	11	11	11	0	0	6	7	6	4	5	4	4	4	4	5	5	6
25	3	3	2	0	1	3	7	9	9	5	3	2	0	2	3	2	2	0	3	2	2	4	3	3	3
26	-	0	5	-	-	-	-	***	***	***	***	0	9	9	0	0	2	2	0	0	2	2	4	4	***
27	2	2	5	5	5	5	0	0	2	2	0	0	4	4	2	2	4	4	4	4	2	2	0	0	3
28	1	1	0	0	3	3	2	2	0	0	2	2	4	4	0	0	2	2	3	3	7	7	2	2	2
29	0	0	1	1	0	0	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0	0	1	1	0
30	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	0	0	0	0	2	2	3	3	1
31	3	3	2	2	1	1	5	5	3	3	4	4	1	1	2	2	3	3	3	3	4	4	6	6	3
MEAN	3	3	3	3	3	3	4	5	5	4	3	3	3	3	3	2	3	3	3	3	3	3	3	4	3.3

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - APR 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	0	0	0	0	2	2	2	2	2	2	1	1	0	0	0	0	5	5	6	6	2
2	4	4	5	5	3	3	4	4	2	2	0	0	2	2	0	0	1	1	2	2	3	3	3	3	2
3	2	2	0	0	0	0	1	1	0	0	0	0	0	0	2	2	2	2	7	7	0	0	0	0	1
4	0	0	3	3	0	0	0	0	3	3	0	0	2	2	0	0	5	5	3	3	4	4	0	0	2
5	1	1	2	2	3	3	3	3	2	2	0	0	2	2	0	0	3	3	4	4	4	4	6	6	3
6	3	3	0	0	0	0	0	0	0	0	2	2	1	1	0	0	4	4	3	3	1	1	0	0	1
7	0	0	3	3	4	4	3	3	1	1	2	2	0	0	2	2	2	2	4	4	2	2	3	3	2
8	1	1	2	2	2	2	2	2	4	4	2	2	3	3	3	3	0	0	0	0	3	3	2	2	2
9	0	0	0	0	0	0	4	4	0	0	2	2	***	***	0	0	3	3	7	7	2	2	7	7	2
10	10	10	2	2	9	9	5	5	6	6	5	5	1	1	0	0	2	2	2	2	3	3	0	0	4
11	0	0	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	3	3	1
12	5	5	2	2	2	2	6	6	2	2	0	0	2	2	4	4	5	5	0	0	7	7	2	2	3
13	3	3	2	2	6	6	4	4	2	2	3	3	2	2	2	2	0	0	0	0	3	3	12	12	3
14	5	5	5	5	6	6	15	15	11	11	11	11	3	3	2	2	0	0	4	4	8	8	9	9	7
15	10	10	12	12	7	7	6	6	4	4	21	21	10	10	11	11	14	14	7	7	5	5	3	3	7
16	3	3	2	2	0	0	5	5	2	2	2	2	3	3	0	0	3	3	5	5	3	3	2	2	3
17	1	1	3	3	2	2	1	1	4	4	1	1	2	2	2	2	0	0	1	1	3	3	2	2	3
18	6	6	10	10	5	5	13	13	4	4	2	2	0	0	1	1	0	0	2	2	7	7	4	4	5
19	0	0	2	2	3	3	5	5	7	7	5	5	0	0	2	2	2	2	0	0	2	2	0	0	2
20	3	3	0	0	0	0	2	2	0	0	2	2	***	***	1	1	4	4	3	3	4	4	5	5	2
21	2	2	2	2	2	2	2	2	6	6	0	0	5	5	4	4	0	0	3	3	4	4	4	4	3
22	4	4	0	0	3	3	0	0	1	1	6	6	2	2	1	1	0	0	2	2	2	2	4	4	2
23	2	2	0	0	1	1	6	6	8	8	7	7	0	0	2	2	0	0	4	4	5	5	3	3	3
24	0	0	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	3	3	0	0	1
25	0	0	1	1	2	2	0	0	2	2	0	0	0	0	3	3	0	0	2	2	0	0	5	5	1
26	0	0	0	0	5	5	3	3	3	3	2	2	4	4	6	6	0	0	0	0	2	2	0	0	2
27	0	0	2	2	0	0	2	2	3	3	0	0	2	2	0	0	0	0	2	2	2	2	0	0	1
28	2	2	0	0	2	2	0	0	1	1	1	1	***	***	2	2	2	2	0	0	4	4	0	0	1
29	2	2	2	2	2	2	6	7	5	3	1	1	1	2	2	3	2	2	3	4	3	3	2	2	3
30	5	7	8	6	9	9	12	13	8	4	4	***	0	0	1	1	2	1	2	2	3	3	3	4	5
MEAN	3	3	3	2	3	3	4	4	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 33003					LAWRENCE/KENNEDY SCARBOROUGH										MONTH - MAY 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	5	4	5	6	4	5	4	7	7	6	4	3	3	2	2	2	3	4	4	4	4	6	6	4	
2	5	5	7	7	5	6	3	5	7	5	5	2	3	3	2	2	1	3	3	4	0	2	1	0	4	
3	0	0	1	0	0	1	2	2	2	2	2	2	2	0	2	2	2	2	0	-	0	0	0	0	1	
4	0	0	0	0	0	0	3	3	3	2	2	3	2	0	3	7	2	3	3	4	3	3	2	3	2	
5	3	4	4	3	4	4	6	5	5	3	3	3	3	4	6	7	6	5	4	4	4	3	3	4	4	
6	3	3	2	0	1	2	8	5	3	2	2	1	2	2	0	0	1	2	0	0	4	4	3	3	2	
7	0	0	0	0	0	0	2	2	2	3	***	7	3	4	4	5	4	2	2	2	1	0	0	0	2	
8	2	2	1	0	2	2	3	3	3	3	0	0	1	0	1	0	1	0	0	3	3	3	3	4	2	
9	3	4	3	4	5	4	4	4	4	2	2	1	2	2	3	2	1	1	5	4	5	5	5	5	3	
10	7	18	12	10	6	8	6	4	4	4	4	4	4	3	5	5	5	3	3	4	5	5	5	5	6	
11	6	3	3	0	0	4	4	3	8	10	22	-	****	-	-	****	3	3	1	1	0	0	0	0	4	
12	0	0	0	0	2	2	4	4	3	3	0	0	0	0	0	2	1	0	2	3	3	3	4	6	2	
13	5	5	5	5	6	8	7	5	4	5	5	3	2	2	2	2	2	2	3	4	3	2	3	3	4	
14	3	3	4	3	5	5	7	8	6	7	9	7	8	9	8	9	7	10	8	10	11	11	13	11	8	
15	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	4	3	3	3	2	*****	
16	2	2	1	1	1	2	2	3	2	3	3	3	1	3	3	4	3	4	4	7	7	8	7	3	3	
17	8	7	7	4	4	6	9	7	7	7	6	5	****	4	7	6	6	3	3	2	1	0	0	0	5	
18	0	0	0	0	0	2	6	5	3	3	3	2	3	4	0	4	2	0	2	2	0	0	0	0	2	
19	-	0	0	0	1	2	4	4	****	19	2	2	2	0	0	2	3	2	1	2	1	1	0	0	2	
20	0	1	2	1	2	3	5	6	3	2	0	2	4	6	4	3	2	2	3	3	8	10	9	4	4	
21	6	4	5	3	3	3	2	2	2	1	2	2	2	0	2	2	3	0	2	3	2	2	2	2	2	
22	0	3	2	1	0	0	1	0	1	1	0	0	2	0	0	0	0	0	0	3	2	2	2	0	1	
23	1	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0	1	2	3	1	2	1	1	
24	0	0	0	0	2	3	0	0	0	0	1	0	4	0	0	3	2	3	8	2	3	1	2	3	2	
25	5	5	7	4	5	4	3	3	0	0	1	2	-	0	0	2	0	0	1	2	3	1	2	3	2	
26	2	2	2	1	3	6	4	5	1	2	1	1	3	2	3	6	6	3	3	3	2	0	2	2	2	
27	3	4	5	5	4	3	5	3	1	3	2	6	5	5	3	4	4	3	3	3	3	5	6	4	3	
28	4	5	7	8	7	7	10	8	2	7	7	2	2	1	1	2	4	3	3	3	5	4	4	6	4	
29	3	4	4	5	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	4	
30	2	2	3	2	3	2	2	2	1	2	2	2	2	2	0	2	0	2	2	2	1	2	2	1	2	
31	2	0	2	0	2	2	3	3	3	2	3	2	0	2	4	3	3	3	5	9	7	10	8	7	4	
MEAN	3	3	3	2	3	3	4	4	3	4	3	2	3	2	2	3	3	2	3	3	3	3	3	3	3.0	

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003															LAWRENCE/KENNEDY SCARBOROUGH										MONTH - JUN 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	5	3	2	3	4	4	3	3	2	2	3	2	4	4	5	2	8	8	9	8	3	8	10	14	5									
2	12	12	9	8	6	7	4	4	1	0	0	***	1	1	1	0	0	0	0	2	6	8	11	12	5									
3	12	11	6	5	4	9	9	7	4	3	8	8	5	4	3	3	3	3	2	3	4	7	9	6	6									
4	4	5	6	6	4	5	3	1	2	1	1	0	8	0	0	0	0	0	0	1	3	5	4	6	3									
5	5	5	5	5	4	5	4	2	2	2	2	0	1	0	1	0	0	0	0	1	3	4	6	5	3									
6	5	3	2	2	3	2	0	2	2	1	2	1	0	0	0	0	0	1	1	2	0	1	1	2	1									
7	2	2	3	4	6	6	7	5	5	6	5	4	3	4	4	5	3	3	5	4	4	5	5	5	4									
8	5	4	4	4	4	7	10	9	9	6	4	6	9	5	6	3	3	3	3	3	3	4	5	9	5									
9	6	4	3	3	3	5	6	9	5	5	6	8	9	5	4	5	4	4	4	5	5	7	9	5	5									
10	10	11	12	8	7	11	13	12	11	10	10	10	11	8	9	8	7	4	5	6	7	8	9	7	9									
11	7	6	6	6	8	9	13	11	12	10	10	***	0	2	-	-	-	0	1	2	2	2	2	0	5									
12	2	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0									
13	0	0	0	1	0	2	0	1	2	3	2	3	3	3	3	3	3	4	5	5	6	6	3	4	3									
14	4	3	3	4	4	4	8	8	10	9	9	8	8	7	9	10	8	7	6	7	8	11	9	11	7									
15	12	10	11	10	13	14	15	13	14	13	12	9	9	2	6	8	6	5	6	6	5	5	4	9	9									
16	6	6	6	4	4	6	7	9	8	9	5	4	7	8	7	8	8	6	7	7	6	8	7	3	7									
17	2	1	3	1	2	5	7	5	3	3	2	3	2	***	12	4	6	4	4	5	7	8	10	11	5									
18	11	8	9	8	11	10	8	5	3	4	4	4	3	3	3	3	3	4	3	4	4	3	4	2	5									
19	4	5	5	7	10	10	7	7	3	2	3	3	2	4	4	4	4	2	0	2	2	2	2	3	4									
20	2	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	5	9	9	6	4	4	2									
21	3	2	3	2	2	3	6	3	3	2	4	2	0	2	2	2	1	2	2	2	2	3	3	4	3									
22	5	6	5	5	5	6	9	12	14	9	11	10	10	9	8	8	6	8	7	9	13	6	-	8	8									
23	5	7	10	9	11	14	13	7	-	5	5	5	4	4	3	4	3	4	3	3	3	6	8	9	6									
24	9	9	8	5	6	14	10	12	10	11	9	11	12	3	9	10	9	6	5	4	6	3	3	2	8									
25	2	1	2	3	3	5	8	7	7	7	5	6	4	5	6	4	3	3	3	3	5	4	5	4	4									
26	5	4	3	3	2	5	4	4	3	3	4	5	4	3	3	3	3	2	0	3	3	3	3	3	3									
27	5	5	3	3	2	1	2	2	2	1	1	1	0	2	2	2	3	2	3	3	6	-	0	5	2									
28	4	4	4	4	4	6	7	6	5	3	4	4	5	5	9	9	7	2	3	3	2	3	3	1	4									
29	2	2	3	4	4	5	5	8	9	5	5	6	6	5	0	4	8	10	11	12	11	9	11	13	7									
30	13	9	8	7	6	6	5	3	3	2	2	3	3	2	2	3	3	3	3	4	3	4	4	4	4									
MEAN	6	5	5	4	5	6	6	6	5	5	5	5	4	3	4	4	4	3	4	4	5	5	5	6	4.8									

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8



POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	6	5	8	8	12	9	6	5	4	3	3	4	2	3	3	4	2	3	1	2	3	2	5
2	1	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	2	3	4	5	6	3	1
3	4	5	11	12	10	14	15	7	2	0	2	3	2	2	2	2	2	2	2	3	3	4	4	4	5
4	4	4	4	3	3	4	5	4	4	3	4	4	4	3	2	2	0	1	2	3	2	0	1	0	3
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	2	0	1	1
6	1	2	0	2	0	0	3	1	0	0	0	0	0	0	0	0	1	2	0	2	3	2	3	2	1
7	3	5	5	4	6	6	8	6	6	5	4	5	5	0	2	3	2	2	3	4	3	3	4	5	4
8	6	6	5	6	8	11	12	13	7	5	6	4	4	3	4	4	3	4	-	***	4	5	6	6	6
9	5	5	4	5	6	8	7	8	7	7	7	7	6	6	6	5	5	3	3	3	4	5	6	9	6
10	6	2	0	0	0	2	4	5	0	2	0	0	0	0	1	3	2	3	1	1	0	0	0	0	1
11	0	0	0	0	0	0	0	3	2	0	0	0	2	1	1	0	0	0	6	4	4	3	6	5	2
12	5	7	6	6	6	7	5	3	3	3	4	5	3	3	0	0	1	0	2	2	2	3	3	3	3
13	3	4	4	4	5	7	7	11	8	10	9	2	4	4	3	3	3	3	3	3	3	3	4	3	5
14	4	4	7	6	7	7	7	6	8	9	8	7	16	2	3	3	3	4	3	3	3	3	3	3	5
15	4	4	5	5	4	7	11	7	3	3	3	3	3	3	2	3	4	3	5	5	4	9	6	5	5
16	2	2	2	2	2	3	4	4	3	3	-	4	3	3	3	4	3	4	4	4	***	6	5	5	3
17	4	4	2	2	3	4	4	4	3	4	3	3	3	3	2	3	3	3	3	2	2	4	4	3	3
18	3	4	4	4	3	4	3	3	4	3	4	4	4	3	3	3	5	3	3	3	4	3	4	3	4
19	2	3	2	2	2	2	2	2	3	2	2	4	4	2	2	2	1	2	4	4	5	6	5	4	3
20	5	5	5	5	5	5	5	7	8	8	8	3	2	2	4	4	3	2	4	2	0	3	2	0	4
21	1	1	1	1	2	4	12	10	4	4	2	5	3	3	3	4	4	-	-	-	4	0	3	1	3
22	1	0	1	1	2	3	5	5	3	2	0	2	***	2	4	2	2	2	3	2	3	3	6	4	3
23	7	7	2	2	4	3	3	0	2	2	3	1	3	0	0	2	2	0	2	2	2	0	0	0	2
24	0	0	0	0	2	4	6	8	5	2	0	0	0	0	0	2	2	3	3	2	2	3	2	2	2
25	2	2	1	2	3	3	3	3	2	2	0	0	0	0	0	1	1	2	0	2	1	1	1	0	1
26	0	0	1	1	0	0	0	0	2	0	0	1	0	0	***	0	***	3	0	0	0	0	3	0	1
27	0	0	0	0	2	-	-	0	0	0	1	0	1	2	***	1	2	3	6	3	0	2	0	1	1
28	0	0	0	0	0	0	0	2	1	1	0	0	2	0	0	0	2	2	2	2	3	2	1	1	1
29	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	2	2	2	4	3	3	1
30	2	3	1	2	2	3	5	2	0	0	0	0	2	0	0	0	1	2	2	2	3	4	4	3	2
MEAN	3	3	3	3	3	4	5	4	3	3	3	2	3	2	2	2	2	2	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - OCT 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	10	6	6	4	2	0	2	0	0	0	0	0	1	2	3	0	3	3	3	2	1	3	2	2
2	3	3	2	2	2	2	2	3	0	0	0	0	0	1	0	1	0	2	2	6	2	5	3	3	2
3	2	2	1	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	3	1
4	2	2	2	2	1	2	1	2	0	0	0	0	***	0	0	0	0	2	0	1	1	0	1	2	1
5	0	0	1	1	0	0	3	-	0	0	-	13	7	8	6	7	5	7	7	10	12	10	8	6	5
6	5	6	5	4	4	6	11	10	6	9	8	7	7	***	5	7	7	7	6	5	2	1	0	0	6
7	0	0	0	0	1	3	6	5	5	4	4	4	3	3	4	5	5	4	6	6	4	3	3	2	3
8	2	2	2	0	0	2	3	4	4	3	3	4	3	5	5	3	3	2	3	2	2	2	2	1	3
9	2	0	0	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	1	2	2	2	2	2	1
10	2	2	3	2	2	2	2	3	3	2	1	2	0	1	0	1	0	0	1	2	6	7	7	6	2
11	5	4	4	4	4	3	5	7	6	4	4	0	0	0	1	0	2	0	0	3	3	4	4	2	3
12	3	2	4	7	9	12	17	19	7	6	4	4	4	5	5	4	5	5	5	4	5	7	7	9	7
13	7	8	6	7	7	9	13	17	13	8	4	4	9	4	3	4	5	3	3	3	1	1	2	0	6
14	0	0	0	0	0	1	4	5	3	3	3	3	3	3	7	7	10	18	8	5	3	4	3	4	4
15	2	2	3	5	5	6	7	8	6	3	3	6	5	3	4	4	4	4	3	-	3	3	5	3	4
16	2	2	3	2	1	8	0	2	2	3	2	2	3	2	2	2	2	1	3	2	3	3	-	-	2
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	2
18	1	1	2	2	3	4	9	8	6	4	3	4	3	4	3	3	2	3	2	3	4	3	4	3	4
19	2	0	1	0	0	3	4	5	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	3	*****
20	2	0	1	2	4	5	4	5	5	4	5	5	4	-	4	5	3	4	5	4	4	4	3	3	4
21	3	2	2	0	1	2	6	9	6	6	4	4	6	3	4	2	1	2	2	2	3	3	2	-	3
22	3	2	1	2	1	3	6	5	5	-	4	2	2	2	1	3	4	1	1	1	2	2	3	3	3
23	3	2	2	3	3	3	4	4	6	6	4	3	2	3	2	2	2	4	7	9	9	13	12	9	5
24	6	5	3	2	1	0	1	2	3	3	3	3	3	4	3	3	3	2	2	2	1	2	1	-	3
25	1	1	0	0	1	2	2	3	3	2	3	4	3	3	3	3	2	1	2	1	2	4	5	5	2
26	3	1	0	0	2	2	4	4	3	3	2	2	3	3	4	3	2	2	3	3	2	1	0	1	2
27	0	0	0	1	1	3	5	5	4	2	-	3	3	3	4	3	2	3	3	4	6	6	6	7	3
28	5	4	3	3	2	2	2	2	1	1	-	4	4	4	4	4	4	4	5	4	4	4	4	4	3
29	4	4	4	4	4	5	6	8	7	7	6	8	8	7	6	7	7	9	11	7	5	5	7	6	6
30	7	6	7	6	7	10	11	11	10	10	11	10	8	9	9	9	8	8	8	8	7	6	3	6	8
31	7	6	6	6	5	4	4	4	4	3	0	0	0	0	0	0	0	2	2	1	2	0	3	2	3
MEAN	3	3	2	2	3	4	5	6	4	3	3	4	3	3	3	3	3	4	4	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 6.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.3	9	21
FEB	28	3.9	12	23
MAR	30	3.3	7	25
APR	30	2.6	9	21
MAY	30	3.0	8	22
JUN	30	4.8	9	15
JUL	29	3.9	8	23
AUG	31	3.9	10	18
SEP	30	2.9	6	16
OCT	29	3.4	8	19
NOV	30	4.3	9	18
DEC	31	4.6	10	20
YEAR	359	3.8	12	25

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	433	270	25	4	1	0	0	733
FEB	435	217	21	0	2	0	0	675
MAR	540	154	16	2	2	0	0	714
APR	584	109	18	0	2	0	0	713
MAY	566	142	6	2	1	0	0	717
JUN	390	271	50	0	0	0	0	711
JUL	481	193	23	1	2	0	0	700
AUG	464	233	30	5	0	0	0	732
SEP	570	125	11	1	0	0	0	707
OCT	512	168	12	4	0	0	0	696
NOV	439	230	32	3	0	0	0	704
DEC	428	248	34	10	0	0	0	720
YEAR	5842	2360	278	32	10	0	0	8522

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.0	0	0.0	1.5	2.6	4.2	7.4	9.3	11.6	13.3	25	3.8



POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK															MONTH - JAN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	-	-	-	-	-	-	-	-	-	-	-	11	7	4	3	3	3	3	5	2	5	5	5	5	*****
6	5	8	8	7	5	7	9	10	7	7	7	9	7	***	***	14	7	8	7	7	9	10	9	7	8
7	7	5	4	3	5	5	5	7	7	7	7	9	7	2	0	2	5	2	2	3	2	2	0	1	4
8	1	0	2	2	0	2	2	5	7	5	5	2	10	10	3	3	7	5	5	5	7	5	5	5	4
9	3	5	3	3	5	7	7	7	7	5	5	5	4	3	3	3	5	3	5	7	8	7	6	7	5
10	5	7	5	5	3	5	7	6	7	7	5	2	3	3	2	3	5	5	5	7	7	10	12	12	6
11	10	5	5	5	2	4	3	4	4	2	2	3	3	3	4	4	3	4	3	4	2	5	5	5	4
12	3	2	3	4	0	2	2	2	3	4	4	9	10	12	12	9	9	10	7	11	12	5	6	4	6
13	7	5	5	3	5	5	9	9	14	10	8	9	7	7	7	7	9	5	5	6	3	5	4	5	7
14	5	4	3	2	0	1	3	2	2	5	2	4	2	3	2	2	3	4	3	3	7	7	2	0	3
15	3	2	3	2	3	2	3	4	7	5	4	2	3	***	2	5	5	5	7	3	5	5	3	2	4
16	4	2	2	2	5	3	***	***	5	7	7	5	5	4	2	2	2	3	2	3	2	3	3	2	4
17	2	4	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	8	7	8	5	4	2	4
18	2	3	0	2	2	2	2	3	2	3	3	3	2	3	4	4	7	8	9	12	10	8	8	5	4
19	10	7	7	7	7	7	7	7	9	5	5	5	5	3	5	7	5	7	5	5	5	7	7	5	6
20	5	5	3	3	3	5	2	3	5	5	3	5	6	6	5	3	3	2	2	4	2	5	3	4	4
21	5	3	5	3	3	3	5	5	5	5	7	7	7	5	5	7	7	7	7	5	2	2	1	0	5
22	2	0	2	1	2	2	2	2	4	3	3	0	2	3	4	5	3	5	3	3	3	2	2	3	3
23	5	2	2	3	3	3	3	5	11	12	12	12	12	9	6	7	5	4	3	7	4	3	2	3	6
24	3	2	3	0	2	3	3	4	2	4	3	2	4	2	3	2	3	3	3	6	9	7	10	14	4
25	18	12	16	14	12	11	9	5	4	3	7	4	4	0	4	3	3	2	0	***	2	2	7	9	7
26	***	10	12	9	5	5	7	5	-	-	3	9	10	14	12	10	12	9	7	5	5	4	4	3	8
27	2	3	2	0	2	3	3	5	5	3	3	3	3	2	3	3	3	3	5	5	4	5	9	4	3
28	3	2	2	4	3	2	2	5	6	5	4	3	3	2	3	7	7	4	5	3	4	5	5	5	4
29	4	5	5	4	5	7	7	3	5	3	-	***	***	***	0	2	2	2	2	3	3	3	4	4	4
30	3	5	5	3	2	4	2	5	7	-	***	***	11	5	5	3	4	3	3	3	5	7	7	7	5
31	10	12	12	15	16	16	17	18	18	14	12	5	4	3	3	4	4	5	6	3	3	3	4	4	9
MEAN	5	5	5	4	4	5	5	5	6	6	5	5	6	5	4	5	5	5	5	5	5	5	5	5	4.9

PERCENTAGE OF DATA VALID - 83.5      PERCENTAGE OF DATA INVALID - 1.5      PERCENTAGE OF DATA UNAVAILABLE - 15.1

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK															MONTH - FEB 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	5	4	4	4	4	4	6	6	6	5	5	2	0	2	0	2	0	0	3
2	1	0	0	0	0	0	0	2	2	4	3	0	3	0	***	***	11	4	5	6	5	5	6	7	3
3	4	5	5	6	4	4	4	5	6	4	3	5	5	4	4	6	5	4	4	7	6	7	9	9	5
4	8	7	8	9	8	11	9	9	4	3	7	0	3	3	0	0	0	0	1	1	1	1	2	2	4
5	5	3	4	4	3	4	4	5	7	4	3	2	3	***	4	4	4	4	4	4	-	-	1	8	4
6	8	8	7	8	4	4	5	5	3	3	0	5	4	3	2	0	1	1	0	0	1	1	2	4	3
7	4	3	1	0	0	1	2	2	2	4	5	4	3	2	2	3	2	2	2	2	3	3	3	2	2
8	2	3	3	3	3	3	3	3	2	2	0	2	1	1	0	2	0	0	0	2	2	4	2	1	2
9	4	1	1	2	2	0	0	0	8	8	7	7	***	***	2	4	4	3	5	5	5	6	5	5	4
10	6	4	4	4	6	5	5	6	7	7	8	7	8	8	8	8	8	8	7	6	9	7	8	6	7
11	4	3	3	2	0	0	1	1	1	0	2	2	5	3	3	3	1	0	0	0	0	2	2	0	2
12	1	3	3	4	3	3	4	4	4	3	4	3	4	5	8	6	5	4	4	5	4	0	4	4	4
13	4	4	4	4	6	6	7	6	3	2	0	0	0	0	1	2	1	0	0	2	2	1	1	1	2
14	0	2	1	3	3	3	3	5	4	2	2	0	2	2	3	3	***	2	3	4	3	2	2	4	3
15	2	3	3	2	2	2	2	2	2	3	4	4	5	5	6	5	5	4	6	6	7	4	2	2	4
16	1	2	2	2	4	3	3	3	6	3	4	2	3	***	***	5	4	5	3	2	2	2	2	2	3
17	2	2	2	2	2	3	4	3	2	0	1	2	2	2	4	3	5	3	3	4	4	4	3	3	3
18	2	2	1	2	2	2	3	3	3	2	3	3	2	3	3	5	-	5	3	5	11	2	4	3	3
19	2	3	2	3	3	2	4	3	3	3	3	1	4	4	3	3	4	2	2	5	2	1	2	2	3
20	3	1	0	1	0	0	5	2	2	2	3	3	3	3	3	1	2	3	4	6	5	7	7	7	3
21	8	10	9	10	10	8	5	4	3	4	3	4	3	3	3	3	3	5	5	6	6	6	6	3	5
22	2	2	0	0	0	2	2	0	0	0	0	0	0	0	-	-	0	0	0	0	2	1	0	0	1
23	0	0	0	0	0	0	1	1	2	3	2	4	3	8	3	4	2	3	2	3	3	3	3	3	2
24	3	3	3	3	3	4	4	4	4	5	6	5	5	5	6	6	5	5	5	7	9	9	8	9	5
25	10	10	11	12	14	14	16	18	20	10	7	7	6	7	6	8	-	0	6	7	8	7	9	7	10
26	-	6	8	7	7	9	11	14	18	15	9	8	10	***	11	13	12	6	10	10	9	9	8	9	10
27	8	8	6	7	5	7	9	6	***	***	***	8	2	2	3	3	4	4	2	2	2	2	1	3	4
28	2	2	4	5	3	2	1	0	0	0	0	3	6	6	1	1	4	4	3	3	1	1	2	2	2
29	0	0	0	0	0	0	1	1	2	2	1	1	2	2	3	3	0	0	2	2	1	1	1	1	1
MEAN	4	4	3	4	3	4	4	4	4	4	3	3	4	3	4	4	4	3	3	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 97.3      PERCENTAGE OF DATA INVALID - 1.7      PERCENTAGE OF DATA UNAVAILABLE - 1.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK															MONTH - MAR 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	1	1	2	2	2	4	3	-	3	****	****	3	1	1	2	2	2	2	2	2	2
2	1	2	0	0	1	1	2	3	3	3	2	2	1	2	2	3	-	-	5	2	2	3	3	-	2
3	2	3	2	2	2	2	2	3	3	4	4	5	5	0	0	6	4	4	2	2	3	4	3	5	3
4	5	7	8	9	9	4	3	4	6	5	4	0	4	****	-	-	-	-	-	-	-	-	-	3	****
5	3	3	3	3	5	6	7	10	14	11	7	5	4	2	2	2	2	0	0	2	2	2	0	-	4
6	0	0	0	0	2	3	2	2	2	3	0	0	2	2	3	0	2	3	3	4	4	3	3	3	2
7	2	-	-	1	2	1	2	2	0	0	0	0	0	2	1	2	0	-	-	-	-	-	1	2	1
8	2	0	0	2	2	0	1	2	2	2	2	2	2	2	5	1	0	2	2	4	4	4	5	7	2
9	6	7	-	12	8	10	12	13	2	0	0	1	0	2	2	3	2	2	3	5	3	4	12	11	5
10	4	4	0	-	-	-	11	-	0	5	6	10	10	9	8	8	12	10	8	8	3	3	3	2	6
11	3	3	2	2	2	2	3	2	1	0	0	-	-	-	****	0	0	2	2	3	3	4	5	6	2
12	7	****	****	****	****	2	1	1	1	3	2	0	****	-	****	4	4	4	4	17	9	12	7	5	5
13	4	4	4	5	2	2	2	3	3	2	0	0	1	1	2	1	0	1	2	2	1	1	1	2	2
14	2	4	4	3	3	4	4	3	0	1	2	3	2	2	3	3	3	3	3	4	3	3	3	2	3
15	0	2	0	0	0	0	2	2	0	2	2	0	0	0	0	1	0	1	2	4	4	3	3	3	1
16	3	3	3	4	3	2	3	3	3	3	4	****	3	5	3	3	2	3	3	2	0	3	3	2	3
17	2	2	0	0	2	1	0	0	2	1	1	0	1	0	0	0	1	0	0	1	2	3	4	5	1
18	4	5	5	5	5	6	10	12	14	6	6	5	****	2	5	5	4	3	4	5	5	6	4	5	6
19	5	4	4	5	6	6	7	12	10	10	5	5	6	6	6	6	6	6	5	6	7	6	6	7	6
20	7	6	7	6	6	5	6	7	5	7	5	5	5	5	4	5	3	5	3	3	3	3	2	2	5
21	2	2	2	1	2	3	1	2	2	4	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1
22	0	0	-	2	1	0	2	1	2	-	0	3	5	2	5	3	3	1	2	3	3	4	3	2	2
23	1	3	3	4	3	4	4	4	6	7	4	3	4	4	4	4	3	2	2	4	4	5	5	5	4
24	5	4	5	5	4	6	7	7	6	7	6	7	8	8	5	3	4	4	3	5	6	4	5	3	5
25	3	2	1	1	2	3	4	6	7	4	2	2	2	3	2	1	0	0	0	3	3	4	3	3	3
26	-	2	4	-	-	-	-	-	****	3	2	3	2	3	3	3	3	3	2	4	5	7	7	8	4
27	10	12	12	13	13	9	4	3	3	4	5	4	5	5	-	4	3	2	0	-	3	1	0	0	5
28	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	2	3	5	4	5	1
29	5	3	3	5	4	2	2	0	0	0	2	2	1	3	3	2	2	2	0	0	2	3	2	1	2
30	2	1	1	1	1	****	0	1	1	2	2	2	3	3	3	3	4	4	2	4	4	5	6	9	3
31	4	6	4	2	3	4	3	4	4	6	8	-	-	****	5	2	2	3	2	6	8	10	8	3	5
MEAN	3	3	3	3	3	3	4	4	3	4	3	3	3	3	3	3	2	3	2	4	3	4	4	4	3.2

PERCENTAGE OF DATA VALID - 92.3

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 5.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK															MONTH - APR 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	3	3	6	3	3	5	6	4	4	3	3	2	3	2	3	2	2	2	4	3	4	3
2	3	3	4	4	3	3	2	1	2	2	2	1	0	0	2	2	1	0	0	0	3	3	4	3	2
3	3	0	2	2	2	2	1	2	0	0	0	0	0	0	2	2	3	2	0	0	2	2	2	0	1
4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2	2	0
5	0	2	1	2	1	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2	2	0
6	1	1	0	0	0	0	0	0	0	0	***	2	0	0	0	2	2	0	1	2	2	2	0	0	1
7	3	3	3	2	2	2	2	0	1	1	1	0	0	0	0	0	0	0	2	2	2	2	3	3	1
8	2	2	2	2	2	1	3	2	-	0	0	0	0	0	11	2	1	0	1	0	2	2	1	2	2
9	0	2	2	1	2	2	2	4	3	2	0	1	3	4	5	5	4	5	4	6	8	9	11	12	4
10	9	11	7	6	6	5	7	7	7	7	7	3	2	3	3	5	3	3	4	4	3	2	2	3	5
11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	2	0	2	2	2	1	0	0	0	0	0	0	***	***	0	1	1	0	2	3	4	4	5
13	6	5	6	4	5	3	3	4	3	3	2	0	2	2	2	2	2	2	3	5	4	7	6	6	4
14	5	8	9	8	9	10	13	14	19	11	11	12	9	8	7	7	9	9	7	9	7	8	9	8	9
15	8	10	10	9	8	9	9	11	9	13	13	9	15	12	15	12	13	10	13	12	7	7	6	3	10
16	4	4	4	5	4	5	9	9	8	6	6	5	6	6	5	9	9	6	9	7	7	6	7	5	6
17	5	6	5	4	4	5	6	6	8	12	10	8	7	5	6	-	2	5	4	4	4	7	8	8	6
18	11	9	10	10	9	10	12	12	9	7	7	7	6	5	6	5	5	5	3	5	6	6	7	7	7
19	5	5	7	7	3	3	2	12	12	9	8	5	3	2	2	2	2	2	1	0	3	3	4	4	4
20	2	0	0	0	0	0	0	2	2	2	1	0	0	***	0	4	4	4	4	4	5	-	2	6	2
21	5	3	3	3	2	4	2	2	-	2	2	3	3	4	8	8	8	4	3	5	8	10	9	4	5
22	4	5	4	3	4	4	4	5	6	4	3	3	2	2	3	3	2	4	2	3	3	2	0	3	3
23	3	2	1	0	0	0	0	0	0	1	0	2	1	2	0	2	3	3	3	3	2	3	2	2	1
24	2	2	1	2	2	2	1	2	0	0	0	0	1	2	2	2	1	0	2	2	4	4	3	3	2
25	2	2	1	0	0	1	0	1	0	0	0	0	0	2	1	1	0	2	2	0	1	1	1	0	1
26	0	0	0	0	0	0	0	3	1	0	0	0	0	0	2	0	0	0	0	1	1	2	2	1	1
27	0	0	0	0	0	0	0	0	0	0	2	4	3	5	2	0	0	0	0	1	1	2	1	0	1
28	0	0	***	***	***	***	***	***	***	***	***	0	0	2	2	2	0	0	0	0	1	1	2	1	1
29	0	0	2	3	3	5	5	3	3	1	***	0	0	5	4	2	0	0	0	0	1	1	0	0	1
30	4	5	7	6	6	8	13	12	7	3	6	4	2	2	2	2	2	0	1	3	3	4	5	3	5
MEAN	3	3	3	3	3	3	4	4	4	3	3	2	2	3	3	3	3	2	2	3	3	4	4	3	3.1

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 34002					SC CTR 770 DON MILLS RD. NORTH YORK										MONTH - MAY 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	7	7	6	7	7	8	6	7	6	6	5	4	4	4	3	3	3	5	5	5	5	5	5	5	
2	4	5	6	6	6	5	3	4	6	7	5	3	4	3	2	2	2	2	3	3	3	1	1	0	1	
3	0	1	2	1	1	1	1	0	0	0	0	0	0	-	-	-	-	-	....	-	-	1	1	0	1	
4	0	0	0	0	0	0	0	0	0	0	1	1	0	5	3	1	2	3	4	4	4	4	2	3	2	
5	4	4	5	5	4	4	6	5	7	5	6	6	5	6	6	6	4	4	4	5	4	4	3	2	5	
6	2	0	2	2	1	1	1	0	2	2	3	2	0	....	7	4	2	5	1	1	2	1	1	1	2	
7	2	1	0	0	0	1	2	0	1	2	2	2	....	0	2	1	2	2	2	2	0	1	2	3	1	
8	3	1	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3		
9	4	4	5	5	4	3	3	3	3	5	3	3	3	4	4	2	2	0	1	3	4	5	4	4	3	
10	3	2	5	6	8	12	15	5	5	4	3	5	9	5	5	6	5	2	4	5	5	6	5	5	6	
11	4	4	0	0	0	2	4	7	10	7	9	-	....	-	-	....	1	0	0	0	0	2	0	0	3	
12	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	5	6	6	1	
13	6	5	5	4	3	5	4	3	6	7	4	5	10	4	3	3	3	2	3	4	4	4	4	4	4	
14	6	6	5	5	5	6	7	11	11	12	11	10	10	7	8	6	4	3	5	6	5	8	9	9	7	
15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	4	3	3	4	3	....	
16	3	2	2	2	2	2	0	2	3	3	3	3	4	5	5	4	4	3	4	4	6	8	6	9	4	
17	9	6	4	4	4	4	4	5	7	5	5	2	5	5	7	5	4	0	0	2	2	0	0	0	4	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	
19	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
20	1	1	1	1	2	2	2	3	4	2	2	6	0	4	2	2	2	2	1	4	3	2	4	6	2	
21	7	6	2	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	0	1	2	2	2	2	1	
22	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	3	0	
23	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	1	2	1	2	1	3	1	0	1	0	0	2	0	0	0	2	2	2	4	4	1	0	3	4	2	
25	3	4	5	4	4	4	4	3	3	1	2	0	-	3	2	2	2	3	2	2	2	2	2	0	3	
26	1	2	2	2	2	3	6	7	6	5	3	2	1	0	3	6	4	2	2	3	4	5	5	6	3	
27	6	6	6	6	6	8	10	5	3	2	5	7	....	4	3	4	4	3	3	3	4	3	8	9	5	
28	5	5	4	5	5	7	11	11	5	10	6	3	4	4	2	3	4	3	2	3	4	8	4	4	5	
29	4	6	5	5	5	6	4	4	5	4	4	3	3	3	3	3	3	2	2	2	3	3	3	4	4	
30	3	3	2	3	3	3	2	2	4	3	3	3	3	4	3	0	0	1	2	2	2	2	1	1	2	
31	0	0	0	0	1	2	4	6	5	3	2	3	6	4	4	4	3	3	4	5	3	5	6	4	3	
MEAN	3	3	3	2	2	3	4	3	4	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 34002					SC CTR 770 DON MILLS RD. NORTH YORK										MONTH - JUN 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	3	3	3	4	2	4	4	4	4	4	7	10	7	8	7	9	10	11	5
2	11	14	13	13	11	12	10	6	2	2	2	2	2	1	2	0	0	0	0	3	6	4	4	5	5
3	6	9	11	9	9	11	11	8	4	9	7	8	...	5	6	4	2	2	2	2	6	8	6	6	7
4	8	9	10	9	8	4	7	4	4	1	4	2	2	1	0	1	0	0	1	2	8	7	9	8	5
5	8	8	7	7	7	8	7	6	4	1	1	1	2	2	2	6	1	0	0	3	9	10	12	17	5
6	12	13	11	10	9	8	7	7	2	0	0	0	1	1	0	0	0	0	0	0	1	3	4	4	4
7	4	5	4	4	4	5	5	3	4	3	2	3	4	3	2	2	2	2	2	5	10	7	12	...	4
8	8	7	7	6	7	7	8	8	9	6	6	9	8	7	8	6	2	2	3	3	7	8	7	7	7
9	9	9	9	8	7	8	4	4	6	8	9	9	6	6	6	5	5	4	4	7	5	9	10	9	7
10	9	9	10	8	7	6	9	10	12	10	11	10	7	8	6	6	5	4	5	6	6	6	6	8	8
11	8	9	8	7	7	5	9	10	13	10	8	4	3	2	-	-	-	12	0	0	0	0	0	0	5
12	2	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0
13	0	0	0	0	0	0	1	2	3	2	2	2	3	3	3	4	4	4	4	5	6	5	5	6	3
14	5	4	4	4	4	2	6	6	9	9	7	10	7	7	7	8	7	4	4	4	5	5	6	8	6
15	10	9	9	8	7	8	8	11	12	9	10	7	7	6	7	6	7	5	6	5	5	3	3	5	7
16	8	7	7	5	5	3	5	7	9	7	4	3	4	6	5	5	6	4	5	5	5	6	8	2	5
17	2	0	2	2	0	0	1	2	2	2	0	0	3	...	0	3	3	3	3	3	4	7	7	6	2
18	7	7	7	9	8	10	10	5	3	4	4	3	3	4	4	4	4	4	4	4	5	4	5	2	5
19	5	5	5	9	6	5	6	7	4	3	3	3	2	4	4	4	3	2	0	0	0	0	2	5	4
20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	4	7	8	9	4	2
21	4	3	2	3	3	2	5	5	3	3	2	2	4	3	2	2	2	2	3	3	2	3	3	10	3
22	4	4	6	6	7	7	8	9	12	10	9	8	9	7	6	6	4	5	5	5	8	11	11	-	7
23	8	8	9	10	11	9	12	12	-	5	5	5	4	3	4	4	4	4	5	4	5	6	9	9	7
24	8	8	8	7	6	8	11	10	10	10	11	12	10	...	10	10	6	5	4	4	3	2	4	4	7
25	3	2	2	2	3	0	2	3	4	3	4	6	2	2	2	3	3	0	0	0	3	3	2	2	2
26	3	2	3	3	3	2	0	2	2	2	3	3	3	2	2	3	3	2	0	3	3	2	3	3	2
27	3	3	3	2	1	2	2	1	0	0	0	0	1	2	2	2	2	3	2	4	4	-	0	4	2
28	3	3	3	3	2	3	3	3	3	2	2	2	2	5	9	7	6	0	1	3	4	3	2	3	3
29	2	3	3	2	3	4	4	7	7	3	5	5	5	5	0	3	5	7	7	9	9	8	7	7	5
30	7	7	6	6	6	5	4	3	3	3	0	6	3	4	3	3	3	3	3	3	2	3	4	3	4
MEAN	6	6	6	6	5	5	6	5	5	4	4	4	4	4	4	4	3	3	3	4	5	5	6	6	4.6

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 34002															SC CTR 770 DON MILLS RD. NORTH YORK										MONTH - JUL 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	4	****	4	4	****	****	0	0	3	2	2	2	3	3	3	2	0	0	0	****	2	2	2	1	2											
2	0	0	0	0	0	2	0	3	3	3	3	3	3	3	3	2	0	0	1	2	2	0	1	0	1											
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	3	3	3	3	3	1											
4	2	2	****	****	9	4	0	1	2	1	2	2	2	2	2	2	3	2	3	3	4	7	6	6	3											
5	5	4	5	4	4	5	8	7	6	7	5	4	7	9	9	10	6	4	5	9	12	9	8	9	7											
6	10	10	9	7	7	6	9	10	10	11	7	9	7	5	4	2	2	3	3	4	4	6	7	8	7											
7	8	7	6	5	7	10	14	13	10	10	9	7	6	6	4	4	5	4	7	5	4	6	6	6	7											
8	7	9	9	7	5	4	3	4	4	2	2	2	0	0	0	0	0	0	0	0	0	2	4	-	3											
9	4	3	3	3	4	7	9	5	3	0	0	2	4	3	3	2	2	2	2	3	4	4	5	7	4											
10	8	6	7	6	-	5	3	5	6	5	4	4	4	4	4	3	4	4	3	4	4	6	6	6	5											
11	6	6	6	5	5	4	4	5	5	3	3	4	7	5	3	2	2	0	1	2	2	3	2	2	4											
12	2	1	0	0	0	0	0	0	0	0	****	0	2	2	0	0	0	0	0	2	1	1	0	0	0											
13	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	2	0	0	0											
14	1	2	2	2	3	5	2	4	4	5	6	4	5	5	3	3	5	5	6	6	6	4	2	3	4											
15	4	4	4	4	4	5	8	-	4	-	-	2	6	3	2	3	3	3	3	5	4	4	6	6	4											
16	6	5	5	7	9	8	7	12	13	11	15	11	5	2	1	1	0	0	0	0	0	0	0	1	5											
17	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	2	0	2	0	2	0	4	3	1											
18	3	2	2	1	1	1	2	2	2	0	3	2	2	2	2	1	1	0	0	2	3	3	3	4	2											
19	5	4	4	3	3	3	3	5	7	7	****	11	7	7	6	7	5	4	4	5	5	6	4	4	5											
20	4	4	6	7	5	5	5	8	8	10	7	8	9	7	15	10	6	5	5	1	2	2	1	1	6											
21	7	5	3	2	2	2	2	3	3	2	0	0	1	10	1	0	0	0	0	2	3	3	4	6	3											
22	7	4	2	1	0	0	0	2	2	1	0	2	2	0	0	2	0	0	0	0	0	0	3	3	1											
23	3	3	2	3	3	6	6	-	-	19	7	8	7	7	7	6	6	6	6	6	6	4	6	8	6											
24	7	7	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1												
25	2	0	0	0	2	1	2	2	0	0	0	0	1	0	1	2	1	2	2	3	4	4	4	4	2											
26	3	4	5	5	5	6	9	7	5	3	4	****	0	11	7	7	3	3	4	5	****	****	****	****	5											
27	****	****	-	-	-	-	-	-	4	3	3	2	1	4	5	2	0	0	0	0	2	3	5	4	2											
28	5	4	4	3	3	4	7	5	1	0	1	-	3	1	2	1	0	0	0	0	0	2	0	2	2											
29	0	0	0	0	0	0	0	0	0	2	2	3	3	4	4	4	3	2	1	2	2	0	3	3	2											
30	2	2	2	1	2	4	3	4	4	3	3	3	3	3	3	3	2	3	2	2	2	4	6	7	3											
31	6	7	6	6	6	7	7	7	6	5	5	4	3	3	3	3	1	0	0	0	0	0	1	0	4											
MEAN	4	4	3	3	3	4	4	4	4	3	4	3	3	4	3	3	2	2	2	3	3	3	4	4	3.2											

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- indicates DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 34002					SC CTR 770 DON MILLS RD. NORTH YORK										MONTH - AUG 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	
2	1	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	3	3	2	2	1	
3	2	3	4	4	3	5	8	5	6	4	6	4	4	3	2	3	2	2	3	2	3	2	5	5	4	
4	4	4	3	3	3	3	6	7	5	5	7	5	5	4	0	6	4	4	4	3	5	7	9	7	5	
5	5	6	8	19	20	9	8	9	-	7	6	8	5	4	4	4	5	4	5	5	4	3	2	0	7	
6	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	2	3	4	5	5	1	
7	2	0	0	0	2	0	0	0	0	0	0	0	1	1	2	2	1	2	1	1	1	2	2	2	1	
8	1	2	0	0	0	0	0	0	0	2	0	1	1	2	1	2	0	0	0	0	0	2	2	1	1	
9	1	0	1	0	0	2	4	3	3	***	0	3	3	5	3	4	4	5	7	2	3	3	3	3	3	
10	2	2	2	2	2	4	7	5	4	3	2	0	0	1	0	0	2	0	2	6	6	8	8	8	3	
11	9	9	9	7	8	8	9	7	6	7	8	6	6	5	5	5	4	5	4	5	6	5	7	8	7	
12	7	7	7	7	7	5	9	10	10	11	7	6	7	5	9	8	5	5	6	6	7	6	6	8	7	
13	8	8	8	8	6	6	7	8	4	5	5	5	6	6	6	3	4	0	2	3	3	4	6	6	5	
14	4	3	2	2	4	1	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	2	2	1	
15	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	
16	0	0	1	0	1	2	2	7	4	2	3	0	***	***	4	2	0	0	0	-	6	6	-	9	2	
17	4	3	3	4	3	3	4	2	3	2	2	2	1	2	0	0	0	0	0	5	6	4	3	5	3	
18	5	3	0	2	1	2	3	6	5	4	5	4	3	4	4	3	2	3	2	3	7	7	9	9	4	
19	7	7	8	8	8	8	11	13	6	3	3	3	2	2	4	3	2	2	2	3	8	7	11	12	6	
20	10	8	8	9	9	11	13	14	8	6	8	7	9	7	6	6	8	7	8	8	8	10	10	13	9	
21	11	10	9	9	9	9	11	9	7	5	6	5	7	6	5	6	5	6	8	9	9	9	10	8	8	
22	11	12	10	9	7	7	7	7	7	6	5	7	5	5	8	6	3	-	6	6	7	7	8	8	7	
23	8	9	9	10	10	10	5	6	6	5	2	3	8	3	2	0	0	0	0	2	2	3	3	2	5	
24	0	0	1	0	0	2	2	3	2	0	4	3	2	2	2	2	1	0	2	2	5	6	7	5	2	
25	6	8	7	9	9	11	17	16	16	13	12	9	6	4	3	3	2	1	4	4	7	5	7	7	8	
26	8	10	10	11	12	13	13	14	15	11	4	7	12	***	8	10	7	7	6	7	7	7	10	10	10	
27	10	10	9	8	8	9	9	12	7	7	8	7	6	6	6	5	4	5	4	5	6	5	6	5	7	
28	4	4	4	3	4	5	6	5	5	5	5	5	4	4	3	2	2	3	4	2	1	2	4	3	4	
29	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	1	1	0	0	0	0	3	0	0	0	0	0	1	1	2	3	4	1	
31	4	4	4	4	4	6	9	11	7	6	7	4	5	4	4	3	3	3	4	5	4	5	7	8	5	
MEAN	4	4	4	4	5	5	6	6	5	4	4	3	4	3	3	3	2	2	3	3	4	4	5	5	4.0	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- indicates DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	9	9	8	9	9	8	7	3	3	2	2	2	2	2	2	1	0	0	0	2	3	3	4
2	1	0	1	0	0	2	3	2	2	2	0	0	***	***	2	0	0	0	0	3	4	5	4	6	2
3	7	8	11	12	12	14	16	20	6	3	2	3	3	2	3	4	2	3	4	5	7	6	6	5	7
4	6	5	5	5	5	5	6	5	5	4	5	4	3	2	2	2	1	1	0	2	3	2	0	0	3
5	0	0	0	0	2	1	0	0	0	0	0	0	0	6	0	0	0	0	0	0	2	0	0	0	0
6	2	2	1	2	2	2	3	2	1	0	0	0	0	0	0	2	0	0	2	4	5	4	5	4	2
7	4	4	4	4	5	7	8	8	9	6	4	2	5	3	2	2	3	2	3	4	3	6	6	6	5
8	6	6	6	6	6	11	14	15	15	14	11	7	6	5	5	5	4	4	***	11	12	11	11	9	
9	10	10	8	8	9	10	11	14	12	10	8	7	***	9	9	9	9	7	6	6	8	9	8	8	9
10	8	0	0	0	0	0	3	3	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1
11	2	2	1	1	1	2	***	3	0	0	0	0	0	0	0	0	0	0	1	7	8	9	8	7	2
12	7	8	9	10	12	12	12	11	8	5	7	6	4	3	1	2	0	1	3	4	4	6	7	6	6
13	5	5	5	5	6	8	9	15	18	14	13	11	7	7	7	5	6	5	5	7	6	6	5	8	8
14	8	8	6	7	8	9	12	19	24	21	17	14	11	9	8	8	7	6	8	8	9	8	7	8	10
15	9	9	9	10	9	11	13	16	7	6	9	9	6	5	4	6	7	6	8	11	12	14	14	13	9
16	6	4	3	3	2	1	4	5	5	6	-	6	***	***	5	5	4	4	5	5	7	8	7	6	5
17	7	5	3	2	2	3	2	4	4	3	3	2	3	3	2	2	3	3	2	3	3	4	4	4	3
18	3	3	3	4	3	3	2	0	2	2	2	2	2	2	3	2	2	2	3	6	7	5	4	3	3
19	3	2	3	3	3	2	2	1	0	0	2	3	3	0	0	2	2	2	2	7	4	4	4	4	2
20	5	4	4	5	5	6	5	8	9	9	4	0	2	2	0	0	0	0	0	0	0	0	0	0	3
21	0	0	0	0	1	3	5	11	8	4	0	6	0	0	3	2	1	-	-	-	3	1	1	1	2
22	2	2	2	2	2	2	3	4	3	3	2	1	0	0	2	0	0	0	5	6	3	6	4	4	2
23	4	4	3	3	4	3	4	3	4	2	3	5	1	0	0	0	0	0	0	1	2	2	2	0	2
24	2	0	1	1	1	3	6	6	4	2	0	0	0	0	0	3	3	2	4	4	6	9	6	4	3
25	4	4	3	5	5	5	7	5	4	3	5	4	3	4	3	3	2	1	0	1	1	3	4	3	3
26	4	3	3	3	3	3	3	3	1	4	4	3	4	4	3	3	3	3	2	5	4	4	1	2	3
27	3	3	2	2	2	-	-	4	3	2	4	4	5	4	3	3	4	8	9	8	2	3	3	2	4
28	2	1	0	1	0	0	0	2	1	1	0	0	0	2	2	2	2	3	4	6	9	9	6	7	3
29	6	3	3	3	4	5	5	5	5	5	4	3	4	3	3	4	5	3	5	4	5	9	9	7	5
30	8	7	7	7	8	8	9	13	6	3	0	0	0	2	5	5	3	2	2	6	5	5	6	7	5
MEAN	5	4	4	4	4	5	6	7	6	5	4	3	3	3	3	3	3	2	3	4	5	5	5	5	4.2

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - OCT 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	10	10	10	12	10	7	6	4	3	4	4	3	4	5	4	3	3	4	7	6	8	8	6
2	9	10	10	9	9	10	10	10	11	7	5	6	4	3	4	4	5	6	6	9	14	13	15	15	9
3	17	15	14	13	14	12	10	9	7	3	3	2	2	3	3	2	2	3	5	4	5	5	7	9	7
4	9	9	10	9	9	10	9	14	8	3	2	3	3	3	2	2	2	2	2	5	6	5	5	9	6
5	4	5	6	6	6	7	12	-	8	6	-	4	4	4	5	5	5	6	5	8	7	7	7	5	6
6	4	2	3	3	4	4	7	7	6	4	4	5	4	4	3	4	6	5	4	2	0	0	0	0	4
7	0	0	0	0	0	0	0	3	1	0	3	3	5	0	2	1	2	0	2	2	3	3	3	1	1
8	1	2	2	0	0	2	2	4	***	7	3	2	3	2	2	2	2	1	0	2	2	3	4	3	2
9	2	2	0	0	0	0	0	0	1	1	1	0	1	0	2	1	0	0	0	0	1	2	2	2	1
10	3	2	1	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	3	5	6	5	5	1
11	4	4	4	4	4	5	6	6	6	3	2	2	2	2	1	0	0	0	2	2	4	5	8	7	3
12	9	9	9	9	11	11	12	15	9	5	3	4	3	5	6	5	5	4	5	4	5	7	8	8	7
13	7	7	6	7	7	9	10	13	13	8	5	5	3	2	2	3	2	0	0	0	0	3	4	2	5
14	0	0	0	0	0	0	0	2	0	0	0	1	***	6	0	0	0	2	3	4	3	4	5	5	2
15	2	2	3	4	4	5	8	8	6	4	5	4	4	3	3	2	2	2	3	-	3	-	2	2	4
16	2	3	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	3	3	3	-	-	1
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	2	*****
18	2	1	2	2	2	3	4	4	2	0	0	0	0	3	3	2	1	0	2	3	2	3	3	3	2
19	3	2	2	0	0	3	5	5	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	3	*****
20	2	2	2	3	4	6	5	7	6	6	6	7	5	-	7	7	5	5	6	7	6	5	4	4	5
21	4	3	2	0	1	3	5	7	6	4	3	2	0	-	5	3	3	3	3	5	4	3	4	-	3
22	3	3	2	2	2	2	3	5	7	2	0	2	-	2	2	2	2	1	0	2	2	4	4	3	2
23	3	2	3	3	3	4	4	5	5	4	3	2	2	1	1	1	1	2	3	5	5	10	13	16	4
24	12	5	6	5	2	0	2	4	6	4	4	4	4	4	4	4	4	2	2	2	3	3	3	-	4
25	0	2	2	1	2	2	3	4	4	5	4	3	4	0	5	5	3	2	2	3	3	4	5	5	3
26	7	8	2	2	1	3	3	4	3	2	1	0	0	0	0	2	2	1	2	5	4	4	6	4	3
27	3	5	4	4	4	5	7	9	6	3	-	0	0	0	0	1	1	2	3	4	7	7	6	6	4
28	5	5	5	7	4	4	5	5	6	5	5	4	2	-	4	5	4	5	6	6	5	4	5	4	5
29	5	4	4	4	5	5	6	7	8	5	5	7	4	5	5	5	5	6	6	8	7	8	7	9	6
30	8	7	8	8	8	9	8	9	9	9	9	9	7	8	7	7	10	11	10	11	10	6	3	8	8
31	8	7	8	8	7	6	5	5	4	4	2	0	0	0	0	0	0	1	1	0	2	3	3	3	3
MEAN	5	5	4	4	4	5	5	6	6	4	3	3	3	2	3	3	3	3	3	4	4	5	5	5	4.0

PERCENTAGE OF DATA VALID - 93.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 6.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C	NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	3	2	1	0	1	1	3	4	6	3	0	0	0	0	2	2	2	5	3	4	7	8	8	9
2	9	10	9	8	8	9	11	14	19	12	10	6	6	7	7	6	6	6	5	6	6	7	9	10
3	8	3	6	4	6	6	7	9	11	11	9	10	7	5	3	3	3	4	7	5	8	8	9	11
4	14	15	15	14	2	2	5	7	8	12	5	4	3	***	4	5	4	3	3	2	2	3	5	6
5	3	3	2	4	4	4	5	7	4	5	6	5	5	4	4	3	4	5	3	3	6	5	5	4
6	4	3	3	4	4	4	3	3	3	4	4	3	3	4	3	4	5	6	6	6	7	6	3	4
7	2	2	0	1	2	2	2	2	2	0	0	0	0	0	0	1	1	0	0	2	3	0	1	2
8	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	3	2	2	0	2	3	3	5	4
9	10	4	4	3	3	4	4	6	2	4	4	2	5	6	6	5	6	7	7	7	7	8	9	8
10	7	6	6	6	6	4	4	7	6	5	3	2	3	2	3	2	3	3	3	3	2	2	2	4
11	2	2	2	2	2	1	3	4	3	2	0	2	0	2	2	3	4	4	5	3	4	4	4	3
12	4	3	3	3	3	3	5	8	4	5	2	2	0	3	2	1	2	2	1	3	4	5	4	3
13	4	3	9	3	3	3	3	3	0	2	1	0	2	2	2	2	3	3	4	4	6	5	4	3
14	3	3	4	3	3	4	3	4	2	3	3	4	2	3	2	2	2	2	4	6	7	9	11	4
15	9	10	11	9	9	10	11	13	15	10	6	9	2	8	3	3	4	6	7	8	9	8	10	9
16	10	11	10	10	9	9	11	10	12	7	7	7	5	4	5	3	5	6	9	7	10	8	8	8
17	9	10	10	10	9	9	10	8	8	-	***	7	7	7	7	6	5	4	4	5	6	5	3	7
18	3	4	5	6	7	6	6	9	9	4	2	1	2	8	2	4	4	4	4	3	3	3	4	4
19	4	5	6	6	6	5	7	8	7	5	***	6	2	3	2	2	2	2	2	3	2	2	2	1
20	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	2	2	1	1
21	1	0	0	0	0	2	1	2	0	1	4	2	0	0	1	2	2	2	2	2	2	3	3	1
22	3	3	2	2	0	0	1	3	2	2	1	0	***	***	11	3	3	4	3	2	2	2	1	2
23	2	2	2	4	2	2	3	3	3	2	2	2	2	1	2	2	3	3	3	3	3	3	2	3
24	3	2	3	3	3	2	3	4	4	4	4	3	3	3	3	4	5	5	5	5	5	6	5	4
25	4	3	3	3	3	3	3	4	6	9	10	5	6	4	***	***	12	6	6	7	6	5	6	5
26	6	6	5	7	7	5	6	6	5	5	7	6	6	6	4	5	6	5	5	6	6	7	6	6
27	6	5	4	5	4	4	5	4	0	2	3	3	2	0	0	1	2	4	3	3	3	5	5	3
28	4	3	3	3	3	2	2	2	2	0	1	1	1	2	0	0	0	2	1	1	0	2	1	0
29	0	0	0	0	0	0	0	2	1	2	2	2	2	0	***	***	3	4	4	4	4	4	2	2
30	2	3	3	3	3	3	4	5	4	3	3	3	2	2	3	3	4	3	3	5	5	4	4	5
MEAN	5	4	4	4	4	4	4	6	5	4	4	3	3	3	3	3	4	4	4	4	5	5	5	4.0

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C	NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	3	3	3	3	2	3	4	7	5	6	-	-	-	-	-	***	6	7	6	6	6	6	6	5
2	6	5	4	4	4	4	4	3	2	0	0	0	0	0	1	2	2	6	7	5	6	6	6	3
3	4	0	0	4	3	3	3	6	5	9	10	7	4	5	5	3	4	4	6	7	8	9	5	3
4	3	2	2	2	2	2	2	3	2	2	3	2	3	3	3	4	4	4	6	7	10	9	14	5
5	6	4	3	4	4	4	4	3	3	2	2	3	3	3	4	5	5	10	12	10	10	10	10	6
6	11	10	11	11	12	5	2	3	1	2	3	3	5	3	***	***	6	7	7	8	9	4	4	6
7	4	5	6	7	5	7	5	2	0	0	1	1	0	0	0	0	2	3	3	3	2	3	2	3
8	2	2	3	2	0	0	2	3	3	4	4	3	7	5	3	7	6	5	4	5	8	10	6	12
9	13	4	2	1	0	1	1	3	3	2	3	4	5	6	6	3	5	7	7	6	3	3	3	4
10	4	5	5	4	5	6	8	10	5	5	***	***	***	***	***	0	5	5	5	4	5	4	3	3
11	2	2	1	0	2	1	2	2	2	0	1	3	2	3	2	2	3	3	4	3	5	4	5	2
12	5	4	5	5	5	4	5	5	4	6	6	5	5	6	6	5	6	6	6	4	4	2	2	0
13	0	0	0	0	1	0	0	2	0	3	2	0	***	-	-	-	-	0	11	9	9	7	6	3
14	5	4	4	3	3	3	3	4	3	5	4	5	0	9	5	4	5	5	4	4	4	5	4	4
15	5	10	5	6	6	6	7	7	11	8	5	4	5	6	9	9	10	14	15	13	14	15	19	10
16	21	22	21	23	20	16	9	10	13	11	13	13	13	***	***	***	11	10	10	9	7	7	8	7
17	13	8	8	6	7	7	5	4	5	8	8	-	7	5	3	2	3	3	3	3	3	3	2	5
18	1	0	1	0	0	0	0	0	0	0	0	1	1	2	2	2	-	6	5	4	5	4	3	4
19	6	7	8	9	11	11	12	13	11	14	13	10	9	10	15	10	-	12	16	22	24	26	25	13
20	17	9	9	7	6	5	3	7	7	13	16	13	9	***	***	2	2	2	2	2	1	2	1	0
21	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	1	2	3	3	2	2	3	2	3
22	2	0	0	2	3	2	2	3	3	3	4	3	3	4	5	5	6	5	6	4	4	4	4	3
23	4	4	4	3	4	4	4	6	5	4	4	2	2	2	2	3	3	4	5	3	2	2	2	3
24	1	1	1	0	1	2	3	5	3	4	7	2	2	3	4	3	3	5	5	5	4	5	6	3
25	6	6	5	5	5	5	5	5	5	6	5	6	6	7	6	6	6	7	14	11	8	9	9	7
26	8	5	3	1	1	3	4	4	4	3	4	3	5	4	3	3	3	8	5	4	3	2	1	4
27	2	2	0	0	0	0	0	0	0	3	4	4	3	3	3	3	4	4	5	5	6	5	5	3
28	3	3	2	2	1	1	2	4	2	3	2	3	4	4	4	5	5	5	4	4	4	4	4	3
29	4	3	3	3	3	4	5	7	6	6	6	3	***	0	0	3	4	6	5	4	3	3	3	4
30	3	3	3	3	4	4	4	6	***	***	6	5	4	3	3	3	4	6	7	7	6	5	5	4
31	4	3	3	3	4	3	3	3	3	4	4	2	3	4	3	3	3	3	3	2	3	3	3	4
MEAN	5	4	4	4	4	4	4	5	4	5	5	4	4	4	4	4	5	5	6	6	6	6	6	4.7

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	4.9	9	18
FEB	29	3.7	10	20
MAR	30	3.2	6	17
APR	30	3.1	10	19
MAY	30	2.8	7	15
JUN	30	4.6	8	17
JUL	31	3.2	7	19
AUG	31	4.0	10	20
SEP	30	4.2	10	24
OCT	29	4.0	9	17
NOV	30	4.0	9	19
DEC	31	4.7	13	26
YEAR	357	3.9	13	26

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	319	265	30	7	0	0	0	621
FEB	479	181	13	4	0	0	0	677
MAR	523	146	17	1	0	0	0	687
APR	523	150	27	1	0	0	0	701
MAY	546	157	8	0	0	0	0	711
JUN	393	286	30	1	0	0	0	710
JUL	514	187	12	1	0	0	0	714
AUG	436	269	26	5	0	0	0	736
SEP	439	222	37	6	2	0	0	706
OCT	435	234	23	2	0	0	0	694
NOV	463	222	22	1	0	0	0	708
DEC	421	240	36	8	8	0	0	713
YEAR	5491	2559	281	37	10	0	0	8378

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.4	0	0.0	1.5	2.8	4.5	7.8	9.5	11.8	13.6	26	3.9

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	3	3	3	5	4	3	4	1
2	5	4	3	3	3	2	4	4	7	6	5	4	2	4	7	6	5	5	6	5	7	7	8	7	5
3	5	4	4	5	3	4	3	3	3	2	3	3	0	0	2	4	3	4	2	2	3	2	2	2	3
4	0	2	3	1	2	2	2	2	3	4	2	1	1	4	2	2	1	1	0	1	2	2	3	4	2
5	4	5	2	3	2	2	4	5	9	13	16	16	9	3	6	5	3	5	8	7	6	6	5	5	6
6	5	7	6	6	5	6	8	13	17	16	10	8	11	10	12	14	12	15	15	14	12	10	12	10	11
7	4	7	7	8	8	6	9	11	12	13	7	11	5	1	0	2	3	3	2	1	0	0	0	1	5
8	1	1	2	2	2	2	4	7	9	7	7	12	7	4	6	3	3	5	5	4	4	5	5	5	5
9	5	4	4	4	4	5	6	6	6	6	6	5	3	0	4	2	3	4	4	4	5	6	6	4	4
10	5	5	5	5	5	5	5	6	8	7	6	4	3	1	4	5	4	5	7	9	9	9	13	18	6
11	18	7	5	6	4	4	4	3	4	5	5	5	4	6	5	4	4	5	5	5	5	5	6	5	5
12	6	3	3	3	3	3	4	6	8	7	6	7	9	10	11	10	14	18	14	12	10	7	8	7	8
13	9	7	8	10	15	14	15	17	20	18	16	15	14	15	15	15	17	12	9	6	4	5	5	5	12
14	5	4	4	0	0	0	3	2	3	1	2	2	2	3	5	2	4	4	3	2	4	3	0	0	2
15	1	2	2	2	2	1	2	5	6	7	5	3	3	4	7	8	10	12	13	13	12	12	15	6	6
16	6	6	6	5	7	6	***	11	10	9	8	3	2	1	4	3	2	2	2	2	2	3	4	5	5
17	3	2	2	1	2	2	3	3	4	5	0	3	4	4	5	6	6	5	8	8	6	5	5	3	4
18	3	3	3	2	3	3	3	4	4	0	3	3	4	11	5	6	5	7	10	12	9	11	8	8	5
19	9	9	9	8	9	9	12	13	13	12	10	9	7	9	9	***	25	11	10	7	6	7	5	6	10
20	6	6	6	3	3	3	3	5	6	6	4	***	***	***	***	***	3	4	3	2	2	4	5	6	4
21	7	5	5	6	4	4	5	8	7	9	6	6	6	5	5	7	8	8	7	4	2	1	2	2	5
22	1	1	2	2	1	2	2	3	4	2	1	0	3	4	3	0	4	4	5	3	3	2	2	2	2
23	5	2	2	5	3	5	8	9	13	13	16	18	16	11	7	7	7	6	6	7	6	6	4	4	8
24	3	2	3	2	2	3	3	3	3	5	5	4	3	3	3	3	4	5	8	8	9	9	14	11	5
25	16	15	18	15	11	12	9	7	6	6	5	7	6	8	4	5	5	4	1	0	3	3	0	3	7
26	***	8	15	12	7	10	10	14	-	-	11	18	18	23	14	10	7	5	4	3	3	3	3	3	11
27	3	2	2	2	1	2	4	7	8	4	4	3	3	0	4	4	4	6	7	5	6	6	5	3	4
28	2	2	2	2	2	2	3	6	8	9	3	4	4	5	5	10	11	9	7	7	6	5	6	6	5
29	7	7	7	6	5	5	8	6	5	2	-	1	2	2	2	4	4	3	3	3	2	2	3	4	4
30	3	5	4	3	3	3	4	4	6	-	***	***	3	2	3	5	4	5	5	4	5	20	15	12	6
31	11	16	14	11	17	16	14	12	12	17	13	12	8	6	6	5	6	8	9	6	4	3	4	4	10
MEAN	5	5	5	5	4	5	5	6	8	7	6	7	5	5	6	6	6	6	6	5	5	6	6	5	5.7

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	3	5	4	5	4	6	6	6	6	7	3	6	7	5	2	3	2	0	0	0	0	4
2	2	2	1	2	0	4	5	4	5	4	3	2	2	2	***	***	6	2	3	4	4	3	3	3	3
3	4	3	3	4	5	6	7	9	10	6	4	6	8	7	5	7	8	8	8	7	7	8	11	14	7
4	17	12	11	9	8	9	12	8	4	3	0	0	0	3	2	3	2	2	3	4	7	5	6	6	6
5	7	5	4	6	9	13	10	10	14	9	8	9	5	5	6	5	7	10	8	8	-	-	12	7	8
6	14	12	9	8	6	-	-	-	-	3	4	2	2	2	2	3	4	2	-	-	-	6	3	***	3
7	3	2	0	0	2	2	3	3	4	5	4	3	4	3	2	2	3	4	2	2	2	2	2	1	3
8	2	2	2	1	2	2	2	2	2	2	0	0	0	0	0	1	2	2	2	3	2	3	3	2	2
9	2	3	3	4	3	6	-	-	-	-	-	-	-	***	9	12	10	9	8	5	7	8	7	6	6
10	8	8	6	5	6	7	9	16	17	18	17	15	13	13	18	15	14	16	14	8	8	10	7	7	11
11	5	3	3	3	1	1	3	2	3	4	2	2	3	2	4	0	3	2	0	0	0	0	0	0	2
12	0	2	2	4	3	9	14	19	16	11	9	7	8	9	3	12	10	8	7	8	9	0	7	6	8
13	4	3	7	4	5	5	7	6	4	1	2	1	2	2	0	1	3	3	2	3	2	2	2	0	3
14	0	0	3	2	3	2	3	5	3	0	3	2	2	2	0	2	***	7	6	7	6	5	6	10	3
15	3	3	4	3	3	4	3	4	4	4	5	8	9	5	3	3	5	5	5	5	5	3	2	2	4
16	3	2	0	0	2	3	1	5	7	5	6	2	3	5	0	10	12	12	7	5	4	4	4	4	4
17	4	4	3	4	5	6	6	4	3	2	2	2	3	3	3	2	5	4	3	6	9	9	8	7	4
18	7	7	5	4	3	3	6	7	7	9	7	8	5	10	12	14	14	15	12	13	18	2	2	3	8
19	2	0	0	2	0	0	3	3	3	3	3	2	2	2	2	5	2	2	2	3	1	2	2	0	2
20	0	0	4	0	1	1	2	6	4	4	4	2	2	3	2	2	2	4	8	10	11	19	16	11	5
21	13	17	14	14	13	10	12	9	6	6	5	7	5	5	8	8	8	10	9	11	11	9	5	2	9
22	2	3	1	1	2	2	0	3	1	1	1	0	0	0	-	-	0	2	1	2	2	0	1	2	1
23	0	0	0	0	0	2	3	3	6	2	3	4	4	8	8	7	6	6	4	3	4	3	5	8	4
24	7	8	5	6	5	8	10	12	10	8	9	10	7	7	***	7	6	7	6	7	10	8	14	20	9
25	18	15	16	14	16	17	20	21	20	18	12	8	6	7	7	8	-	3	7	8	8	8	8	10	12
26	-	7	8	13	17	19	22	20	26	25	20	15	17	16	15	18	11	8	10	10	8	8	8	8	14
27	7	5	4	5	4	4	4	5	5	5	4	2	2	2	2	3	3	4	6	7	9	5	3	4	4
28	3	5	7	7	3	2	0	0	0	0	1	2	3	3	2	2	1	1	4	4	2	2	2	2	2
29	2	2	0	0	6	6	2	2	3	3	3	3	2	2	0	2	2	2	2	2	0	0	2	2	2
MEAN	5	5	4	4	5	6	6	7	7	6	5	5	5	5	5	6	6	6	5	6	6	5	5	5	5.4

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 3.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	0	2	2	3	3	3	3	3	-	8	8	9	10	9	7	4	3	3	3	3	3	4
2	3	3	2	2	2	4	4	4	6	7	3	3	3	3	***	4	-	-	0	3	3	2	3	-	3
3	3	3	4	4	3	4	5	8	8	10	10	8	11	11	10	8	9	7	8	8	9	9	9	9	7
4	7	8	8	8	6	4	3	5	12	14	10	10	8	8	3	3	1	1	3	3	2	2	2	5	6
5	6	6	7	9	8	12	14	21	28	22	12	9	5	4	***	0	2	0	0	0	0	0	0	-	8
6	0	0	1	2	3	0	2	3	3	4	2	2	1	1	0	1	0	1	5	2	3	8	3	2	2
7	2	-	-	2	1	3	2	0	0	1	0	2	1	0	0	0	2	4	0	0	1	1	0	0	1
8	0	0	0	0	0	2	4	0	4	5	3	2	2	0	0	***	0	0	2	5	1	3	5	9	2
9	15	17	-	37	19	16	22	23	8	8	7	8	6	7	6	7	6	7	7	6	5	4	14	10	12
10	5	7	***	6	3	3	9	9	8	8	5	***	***	***	***	14	13	14	14	12	6	2	2	3	6
11	0	2	4	2	0	2	5	4	3	2	2	-	-	-	***	2	2	2	2	5	5	3	4	10	3
12	12	12	17	10	9	5	9	7	5	5	5	12	5	-	***	7	8	10	8	12	14	12	10	7	9
13	7	6	8	3	2	2	2	3	2	1	1	2	1	2	1	2	5	0	0	2	2	2	4	3	3
14	2	4	4	0	2	5	4	2	2	3	2	3	2	2	2	2	3	4	2	2	2	2	2	2	3
15	0	1	2	0	3	2	0	3	3	3	2	2	2	2	2	4	2	2	4	6	6	2	7	12	3
16	6	6	8	6	5	5	9	12	8	***	***	5	14	4	4	4	5	7	3	0	3	2	2	2	6
17	1	2	2	2	2	2	2	3	0	***	***	2	2	3	2	0	4	4	3	2	3	3	2	4	2
18	5	9	7	8	19	14	17	18	16	15	11	12	8	10	10	11	11	11	13	7	7	11	12	11	11
19	11	9	12	18	17	26	24	20	11	9	10	9	9	9	10	12	6	10	8	9	9	9	9	11	12
20	11	10	11	10	10	8	9	10	9	8	8	8	6	6	7	7	9	8	7	6	5	5	3	3	8
21	3	3	1	1	0	2	1	2	3	3	0	2	0	0	0	0	0	0	0	3	2	1	2	1	1
22	2	0	-	4	1	2	3	2	2	-	0	3	3	11	9	8	11	8	3	3	7	6	5	5	5
23	5	5	5	6	7	8	9	9	14	9	7	4	4	4	4	4	0	6	5	6	6	8	12	10	7
24	11	8	13	12	10	9	12	14	12	9	8	11	9	6	6	9	10	10	10	7	7	5	7	9	9
25	3	3	3	1	3	9	14	15	10	6	3	2	2	2	2	1	0	2	2	2	2	2	3	4	4
26	9	9	6	6	8	8	6	6	9	10	9	9	8	8	9	9	11	10	9	8	10	15	17	21	10
27	19	19	12	18	17	8	6	6	6	6	7	7	7	7	-	4	4	4	1	-	3	1	0	0	7
28	0	0	3	0	0	0	0	0	0	0	2	2	2	1	0	0	1	0	2	3	4	8	8	4	2
29	5	6	5	7	7	5	6	6	7	7	7	7	6	6	6	6	7	6	5	4	4	3	3	3	6
30	4	3	3	3	3	***	6	8	8	9	9	9	8	7	8	9	8	8	8	9	14	15	17	13	8
31	9	9	8	6	9	8	11	11	11	15	13	-	-	***	15	6	14	12	9	10	10	8	8	2	10
MEAN	5	6	6	6	6	6	7	8	7	7	6	6	5	5	5	5	5	6	5	5	5	5	6	6	5.8

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "\*\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	4	4	11	5	7	8	7	9	9	8	8	8	8	7	7	8	9	9	10	3	4	7
2	3	4	5	4	3	4	6	3	3	3	2	2	2	2	-	***	2	2	1	2	3	5	5	3	3
3	2	0	1	0	2	2	2	2	3	2	2	2	0	0	1	0	1	2	3	3	2	2	2	2	1
4	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	0	0	0	0	2	0	4	3	0	1
5	2	2	1	0	0	2	3	2	3	2	2	2	2	1	1	1	1	2	3	2	3	3	4	4	2
6	6	-	-	-	-	-	-	-	-	-	***	3	1	1	***	2	0	0	1	1	2	0	4	4	***
7	5	7	4	4	4	3	3	2	3	2	2	2	2	2	0	1	0	0	0	1	2	4	3	3	2
8	4	5	3	3	2	3	1	2	-	2	***	1	1	1	1	0	2	1	1	3	2	2	2	2	2
9	4	0	1	3	6	4	4	4	5	3	2	1	2	1	2	0	6	10	9	10	11	9	7	9	5
10	9	7	4	9	8	12	10	9	7	5	3	3	3	3	3	2	2	3	4	2	2	2	2	3	5
11	3	0	0	0	0	1	3	0	0	0	0	1	0	0	0	1	0	0	3	3	2	2	3	2	1
12	3	3	2	4	5	4	4	1	2	3	2	2	2	1	2	***	0	0	0	1	3	3	3	3	2
13	8	9	15	9	2	3	4	5	4	4	4	2	3	2	3	9	2	2	2	4	5	6	5	7	5
14	13	12	11	12	10	12	17	16	11	15	15	16	15	14	14	16	14	14	14	10	10	14	14	13	13
15	15	16	15	16	15	17	15	16	20	21	20	20	20	18	19	0	10	11	13	14	7	12	8	6	14
16	5	7	9	10	8	8	9	9	7	6	6	6	5	5	8	4	3	3	4	7	7	7	7	7	7
17	11	8	6	6	7	7	7	8	8	7	5	6	6	6	6	-	3	6	4	5	5	7	10	7	7
18	10	12	9	11	10	7	8	6	7	7	6	7	5	4	4	4	4	6	5	4	6	6	9	9	7
19	9	10	0	0	1	1	2	13	13	10	4	3	3	3	2	2	2	2	2	2	2	2	7	4	4
20	1	0	0	0	0	0	3	4	5	3	3	2	2	2	***	0	13	13	13	10	8	-	0	3	4
21	2	3	5	9	11	9	9	9	-	7	9	8	10	8	6	19	19	15	12	13	13	16	18	10	10
22	8	8	7	8	8	10	17	16	11	7	3	7	6	4	5	3	2	3	2	3	3	1	5	4	6
23	4	0	0	0	0	0	2	2	3	3	2	2	2	2	2	2	0	2	0	2	2	3	2	2	2
24	2	1	2	2	1	2	3	5	4	4	3	3	4	4	3	3	3	3	5	4	5	5	4	3	3
25	4	2	2	1	0	0	0	0	1	2	2	3	2	2	2	3	2	3	2	2	2	3	0	0	2
26	1	0	1	0	2	4	3	3	2	3	2	2	3	2	2	3	2	0	2	0	2	0	2	3	2
27	2	0	0	1	2	0	3	4	3	3	3	3	3	2	2	2	3	1	2	0	1	0	2	2	2
28	3	2	2	2	2	3	4	4	4	3	2	2	***	***	0	0	1	1	0	0	1	1	4	4	2
29	1	1	3	3	5	9	8	6	5	3	2	1	0	2	2	2	1	0	0	2	3	4	7	7	3
30	6	6	7	4	9	9	11	10	11	9	11	11	9	9	7	7	7	6	8	8	9	8	8	9	8
MEAN	5	4	4	4	4	5	6	6	6	5	5	4	4	4	4	3	4	4	4	4	4	5	5	5	4.5

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "\*\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK														MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	9	12	13	12	14	14	10	10	9	9	8	10	8	6	6	6	6	8	7	7	6	6	6	9
2	7	7	8	13	10	8	4	8	9	8	8	5	4	4	3	2	2	3	4	3	3	4	4	2	6
3	0	1	2	1	2	1	2	3	2	2	1	2	1	2	1	1	0	0	0	0	0	0	0	0	1
4	2	0	0	0	0	1	3	3	3	2	2	2	1	2	2	2	4	5	6	7	6	7	9	9	3
5	11	11	12	10	10	16	12	17	17	10	8	9	10	1	9	8	7	7	7	6	6	5	3	3	9
6	2	3	2	1	0	1	3	5	3	3	2	9	3	2	2	5	4	4	6	7	5	6	5	5	4
7	3	1	1	1	1	2	3	4	3	3	3	3	4	4	2	3	4	2	3	2	2	2	3	5	3
8	3	1	0	1	0	2	3	3	3	3	1	0	0	0	0	0	0	0	1	3	4	3	3	3	2
9	3	3	3	3	3	4	4	7	9	7	5	6	5	3	2	2	2	0	0	2	3	6	8	11	4
10	15	15	20	25	21	29	23	20	25	18	16	4	5	15	16	12	7	4	6	8	9	12	10	13	15
11	10	2	2	1	2	3	14	13	15	19	19	-	****	-	-	****	3	2	2	0	1	1	2	2	6
12	0	2	1	2	2	4	3	3	3	3	2	2	2	2	2	2	1	0	0	2	3	4	6	5	2
13	6	6	8	5	12	14	14	7	6	13	12	12	11	10	16	11	9	8	2	13	10	14	14	14	10
14	15	12	13	14	18	18	21	23	24	21	25	22	17	17	9	8	4	6	8	11	8	9	10	12	14
15	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5	5	4	4	4	4	*****
16	3	2	2	2	2	3	3	3	5	5	5	5	6	6	6	5	5	5	7	9	11	11	13	24	6
17	15	9	13	8	11	12	15	18	19	17	9	7	7	6	8	5	2	0	0	0	1	0	0	0	8
18	0	0	0	0	0	2	3	4	3	2	2	3	2	2	2	2	2	0	0	0	1	2	2	2	2
19	-	4	2	0	2	0	3	4	3	2	****	0	0	3	3	3	3	2	2	0	0	0	0	1	2
20	2	1	0	0	1	3	4	6	4	3	3	2	****	0	3	2	2	2	2	3	6	9	15	6	3
21	3	3	2	1	0	2	3	3	3	3	2	1	0	2	1	0	2	1	0	2	1	1	2	2	2
22	2	0	2	2	2	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1
23	2	2	3	3	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	1
24	2	2	4	4	3	4	3	2	2	2	2	2	0	0	2	5	5	5	3	2	2	2	6	8	3
25	9	7	7	6	6	9	15	16	14	11	11	8	-	2	9	13	9	6	2	3	4	3	3	2	8
26	2	3	2	4	4	9	8	7	9	7	9	7	13	8	5	11	3	2	2	3	4	5	5	6	6
27	8	7	6	7	8	11	9	6	5	3	2	2	11	14	10	12	10	9	9	10	12	13	9	7	8
28	5	11	16	19	32	24	25	21	20	17	12	10	13	12	14	13	11	11	9	8	10	9	8	9	14
29	10	9	9	18	16	10	11	10	9	8	6	6	5	5	5	5	4	5	4	4	4	5	5	7	8
30	7	5	3	4	3	5	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	7	5	4
31	4	3	4	5	9	14	17	16	18	15	16	13	15	15	14	12	13	13	6	6	5	7	5	3	10
MEAN	6	5	5	6	6	8	8	8	9	7	7	5	6	5	5	5	4	4	3	4	4	5	5	6	5.7

PERCENTAGE OF DATA VALID - 96.5      PERCENTAGE OF DATA INVALID - 0.5      PERCENTAGE OF DATA UNAVAILABLE - 3.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. \*\* INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK														MONTH - JUN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	5	2	2	3	3	3	7	6	2	9	10	17	6	15	14	15	13	15	16	14	17	17	9
2	17	22	16	10	6	9	7	16	12	10	9	6	11	9	8	10	4	9	7	9	7	12	12	9	10
3	8	9	8	11	8	9	11	9	3	4	3	2	5	10	11	12	10	8	8	8	9	10	12	8	8
4	8	8	20	6	2	0	10	15	13	9	9	8	9	9	8	7	6	6	6	8	9	7	10	14	9
5	9	8	7	4	4	5	5	5	5	6	4	4	3	2	2	3	2	3	2	2	4	6	8	10	5
6	9	5	7	3	4	4	4	4	4	3	1	2	1	0	1	1	2	1	2	2	3	3	3	3	3
7	3	5	8	9	6	8	7	8	6	5	6	4	4	4	3	4	3	2	3	4	4	5	4	6	5
8	7	5	5	5	6	7	10	13	9	7	5	4	4	4	3	3	4	3	3	4	3	5	5	8	6
9	11	10	8	4	3	5	4	10	10	7	3	16	15	16	14	16	14	14	13	14	16	19	17	14	11
10	15	19	16	16	15	16	13	14	15	18	16	8	7	6	5	5	5	5	7	10	11	15	14	9	12
11	9	9	9	10	9	10	11	14	18	8	5	5	3	0	-	-	-	1	2	0	2	2	0	0	6
12	0	0	0	0	0	0	3	4	3	3	3	3	3	2	2	2	1	2	1	2	2	3	2	2	2
13	2	1	2	2	2	3	3	4	5	5	5	5	5	7	7	5	7	7	7	7	9	11	5	5	5
14	7	5	7	7	11	22	24	21	20	16	17	14	16	15	20	10	9	7	7	8	10	18	11	13	13
15	13	13	15	14	18	28	22	17	14	9	10	13	14	15	17	15	13	11	10	10	10	10	8	8	14
16	9	9	8	8	12	14	17	18	7	6	4	9	10	14	15	9	15	9	5	6	4	6	4	2	9
17	1	2	2	1	3	2	3	4	3	2	1	1	1	2	2	2	2	1	6	9	15	14	11	6	4
18	4	15	18	19	8	13	23	20	14	13	14	13	13	14	15	14	12	10	9	11	10	11	9	2	13
19	9	11	9	7	10	12	9	11	7	6	6	5	5	6	5	5	5	0	0	0	1	0	2	5	5
20	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	4	10	7	7	8	4	4	2
21	0	0	0	3	3	6	5	18	17	11	10	9	11	11	12	11	10	10	9	9	8	8	8	18	9
22	7	7	8	7	8	7	8	9	22	19	20	16	15	16	13	13	13	11	12	12	16	18	21	-	13
23	18	15	14	12	17	11	11	10	-	16	15	12	***	9	14	12	13	13	10	14	12	7	7	6	12
24	6	7	14	14	13	21	25	23	27	25	23	27	26	20	18	17	14	12	11	10	9	9	8	9	16
25	6	2	2	3	3	4	5	5	6	4	4	4	3	4	3	3	3	2	2	2	2	4	3	4	3
26	3	3	2	2	3	3	3	3	2	2	2	2	3	2	2	3	3	0	0	3	4	3	3	3	3
27	3	2	2	2	2	4	3	2	1	0	0	1	0	2	2	3	4	5	4	6	6	-	1	6	3
28	5	4	3	3	5	4	5	4	2	2	3	2	2	7	18	13	6	2	2	9	10	11	9	9	6
29	9	9	12	15	17	8	18	12	6	5	14	5	19	9	10	12	14	13	14	16	15	12	22	12	12
30	24	19	19	15	15	20	19	12	14	12	9	13	12	15	11	10	10	10	10	8	8	9	11	10	13
MEAN	8	8	8	7	7	9	10	10	9	8	7	8	7	9	8	8	7	7	6	7	8	9	8	8	8.0

PERCENTAGE OF DATA VALID - 99.0      PERCENTAGE OF DATA INVALID - 0.1      PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. \*\* INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	8	9	10	****	5	14	8	11	13	8	5	2	2	4	0	14	0	0	2	2	2	2	2	6
2	2	2	2	0	2	4	4	4	2	2	2	2	3	3	0	2	2	2	1	2	0	0	0	0	2
3	0	2	0	0	0	0	1	2	0	2	1	0	0	0	0	1	1	1	2	3	5	3	3	1	1
4	3	3	2	2	2	3	2	2	2	2	2	2	3	3	2	3	2	3	4	6	6	5	2	2	3
5	1	0	6	2	5	12	13	9	8	7	9	5	4	3	3	16	15	13	13	13	7	7	7	8	8
6	7	9	3	3	6	10	26	24	21	15	15	16	15	13	11	12	9	5	10	7	11	16	19	17	13
7	14	17	13	13	19	26	14	13	9	18	21	22	21	14	12	10	6	10	8	13	14	14	13	8	14
8	12	15	13	7	7	5	8	6	4	3	3	2	1	0	****	3	1	0	0	1	3	2	0	-	4
9	1	5	4	4	3	4	7	6	3	1	0	0	1	2	9	8	7	7	7	7	8	8	7	4	5
10	6	13	10	8	9	7	7	7	9	8	6	7	6	5	5	5	5	5	6	6	5	5	6	5	7
11	6	6	6	5	5	7	5	5	4	3	3	3	3	3	2	2	0	0	0	1	1	0	0	0	3
12	0	0	0	0	0	0	2	2	1	1	1	2	1	2	2	3	2	0	1	2	0	1	0	0	1
13	0	0	0	0	0	1	3	2	2	2	4	1	1	2	2	2	2	0	1	2	2	2	2	2	1
14	2	3	3	5	4	6	7	7	4	5	6	5	5	3	3	3	6	11	13	15	14	12	11	8	7
15	-	6	4	4	5	14	21	-	19	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	*****
16	15	14	11	10	11	8	13	19	18	18	11	8	3	2	2	1	1	0	0	0	0	0	0	0	7
17	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	1	0	2	0	0	2	3	3	1
18	2	2	0	1	0	0	3	3	2	0	1	1	1	1	1	2	1	0	0	2	3	7	5	4	2
19	2	3	4	3	3	5	9	7	12	9	11	13	14	11	12	13	15	4	5	7	6	6	6	6	8
20	7	6	6	7	12	19	18	18	17	19	16	15	17	19	17	11	10	7	8	6	6	6	2	2	11
21	4	2	1	1	2	3	3	8	7	9	8	8	9	11	11	9	8	8	8	6	5	3	4	4	6
22	3	7	7	5	6	12	13	9	10	9	7	9	10	****	11	13	10	7	7	8	9	12	11	14	9
23	10	9	10	14	7	22	32	-	-	-	39	19	21	21	21	19	17	14	14	13	12	10	10	10	16
24	11	5	2	2	1	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	2	0	0	0	2	6	8	4	0	0	0	0	0	0	0	2	2	2	0	2	5	7	9	9	3
26	9	8	5	6	8	21	17	20	17	14	12	12	14	13	0	5	6	7	9	7	8	12	10	5	10
27	5	5	-	-	-	-	-	-	6	****	7	3	4	2	2	0	0	0	0	2	3	3	3	2	3
28	3	2	3	5	6	4	4	10	12	11	10	-	9	9	11	9	9	8	7	6	7	6	5	7	7
29	4	4	3	3	4	6	9	9	9	11	10	11	****	10	7	6	4	2	2	2	2	2	2	2	5
30	2	2	2	4	6	5	5	5	5	3	****	****	11	12	15	13	12	13	10	10	11	12	12	10	8
31	10	12	14	12	11	13	11	11	8	10	10	8	7	5	5	3	2	0	0	0	0	0	0	0	6
MEAN	5	5	5	5	5	8	9	8	8	7	8	7	6	6	6	6	6	4	5	5	5	6	5	5	5.9

PERCENTAGE OF DATA VALID - 95.4      PERCENTAGE OF DATA INVALID - 0.9      PERCENTAGE OF DATA UNAVAILABLE - 3.6

- NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2	0	0	0	0	0	0	2	0	1	2	1	0	0	0	0	0	0	0	0	0	0	2	3	4	1
3	6	3	4	4	4	9	18	18	10	8	8	13	10	10	***	4	7	5	3	6	12	11	7	4	8
4	5	2	3	7	9	14	11	11	11	8	10	12	11	10	9	***	12	11	10	7	9	10	11	11	9
5	10	11	11	8	14	25	24	20	-	15	9	9	8	8	7	8	10	8	7	8	4	3	1	2	10
6	0	0	0	0	0	2	2	2	2	2	2	2	0	3	2	2	2	5	8	8	8	8	4	3	3
7	5	3	0	0	0	1	2	3	3	3	2	2	2	3	2	3	3	5	4	3	4	3	2	3	3
8	2	1	0	0	0	0	2	3	3	3	3	2	3	2	3	1	1	2	2	2	2	2	1	1	2
9	0	2	0	0	0	1	3	4	4	3	3	3	1	2	3	2	2	2	2	2	3	2	4	0	2
10	5	0	2	2	3	6	10	8	5	3	2	0	2	2	1	1	2	2	3	5	6	9	11	13	4
11	10	10	8	15	20	21	21	20	20	19	18	15	16	17	15	12	12	11	12	15	13	13	14	13	15
12	14	13	14	10	13	22	18	23	21	21	17	18	17	16	15	8	7	7	9	16	14	13	12	11	15
13	16	14	14	17	17	16	14	9	4	5	13	12	6	7	7	2	4	1	2	3	3	7	3	3	8
14	3	1	2	3	0	0	2	2	2	3	4	5	4	6	3	2	1	1	0	2	3	2	2	2	2
15	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6	25	0	2	2
16	2	2	0	0	0	2	5	4	3	1	1	1	0	4	2	1	1	0	0	-	5	2	-	4	2
17	2	2	1	1	2	5	8	8	8	3	4	2	2	1	0	1	2	1	0	1	2	2	2	6	3
18	3	2	5	0	0	3	5	7	10	11	6	3	15	15	16	15	16	12	11	11	15	17	14	21	10
19	19	7	5	5	5	7	12	24	22	15	12	11	10	7	11	13	14	11	13	18	16	12	12	9	12
20	10	15	10	11	23	15	25	25	22	10	17	16	19	18	17	18	13	17	15	17	15	20	13	10	16
21	11	10	9	8	8	14	10	13	10	8	7	7	7	8	7	7	8	9	11	12	13	13	11	7	10
22	7	7	6	7	7	7	7	8	8	7	6	5	5	4	4	4	4	-	3	5	6	7	9	13	6
23	13	7	7	5	5	6	6	8	6	5	5	4	4	3	2	5	0	0	1	1	0	0	0	5	4
24	4	4	5	3	7	14	10	15	12	11	7	6	6	11	13	13	14	12	12	11	11	14	13	9	10
25	6	11	14	12	12	11	20	15	23	12	8	19	18	16	15	16	16	12	16	18	14	18	18	15	15
26	13	10	7	9	18	15	16	25	30	31	23	20	18	19	23	26	18	16	16	25	20	16	15	15	19
27	18	17	19	16	15	17	26	28	24	22	22	17	16	15	15	11	16	10	12	10	12	11	12	7	16
28	7	7	7	7	8	8	10	9	9	9	7	7	7	6	3	2	3	4	3	2	2	3	3	2	6
29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	3	0	2	0	0	2	5	4	3	3	2	2	2	2	2	2	2	0	0	1	3	4	4	3	2
31	4	2	3	4	4	7	11	16	15	18	17	14	13	14	11	14	13	11	11	12	10	12	14	17	11
MEAN	7	5	5	5	6	8	10	11	10	8	8	7	7	7	7	6	7	6	6	7	7	8	7	7	7.2

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	13	13	11	10	10	11	11	5	5	3	3	2	3	2	2	2	2	0	2	3	4	3	2	5
2	0	0	0	0	0	2	4	6	8	8	4	3	3	2	4	11	13	9	10	12	12	14	18	13	6
3	11	13	14	22	17	23	37	29	17	13	10	12	12	13	****	9	9	8	8	9	9	11	12	14	14
4	8	8	5	6	5	5	5	6	6	4	4	4	4	4	2	1	2	2	2	2	1	1	0	4	4
5	0	0	0	0	0	0	0	0	1	0	0	0	0	15	0	0	0	0	0	0	0	0	1	2	1
6	2	2	0	1	1	2	3	4	4	2	0	0	0	0	0	1	0	0	0	2	4	5	4	3	2
7	8	7	9	10	9	9	10	15	14	8	7	4	3	4	4	3	3	3	6	7	6	7	5	5	7
8	5	15	6	9	16	11	11	14	12	13	16	21	19	18	16	18	19	15	****	17	17	13	18	15	15
9	17	14	15	16	17	21	22	21	20	21	21	18	19	19	21	19	20	19	15	12	8	9	8	7	17
10	8	0	0	0	0	2	3	2	2	2	1	1	0	2	1	2	0	0	0	0	0	0	0	0	1
11	0	1	0	0	1	1	****	3	2	0	1	0	0	1	0	0	0	0	2	3	6	7	10	7	2
12	8	9	11	9	7	3	5	6	5	7	7	7	6	2	2	2	2	2	3	3	4	5	6	8	5
13	7	7	14	11	18	18	24	22	17	8	6	5	4	****	8	9	13	11	11	8	7	8	9	14	11
14	7	14	12	16	22	26	25	29	23	26	24	21	17	13	15	15	17	9	9	10	11	14	13	11	17
15	15	10	18	19	19	21	20	17	8	7	9	6	7	****	6	4	3	5	12	6	5	5	4	10	10
16	10	9	7	7	8	15	15	16	16	14	-	12	13	10	10	13	12	10	11	12	9	8	11	10	11
17	9	9	7	6	7	6	10	10	8	11	11	10	6	5	8	8	9	6	3	2	2	2	3	3	7
18	3	3	3	3	3	3	2	3	3	2	2	2	3	2	3	2	3	2	5	4	3	2	2	2	3
19	2	1	2	0	0	1	2	2	3	2	2	3	1	0	0	2	1	3	3	3	4	4	4	4	2
20	6	7	6	9	10	16	17	17	17	18	6	1	0	0	1	0	1	0	0	0	0	0	0	0	6
21	1	2	0	0	3	4	8	7	4	3	2	3	5	12	10	10	8	-	-	-	2	1	0	1	4
22	2	5	5	2	4	4	4	4	3	2	2	2	0	1	2	0	0	0	2	2	3	4	6	7	3
23	10	13	10	10	9	10	8	9	11	10	4	3	2	1	4	0	0	0	0	0	1	0	0	0	5
24	0	0	0	0	2	3	9	10	5	3	1	0	1	0	0	5	7	6	7	8	9	9	8	4	4
25	5	3	4	4	3	4	7	6	5	4	3	3	3	2	2	2	1	2	1	0	0	0	1	2	3
26	3	3	2	2	4	4	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	2	3	3
27	2	2	2	2	2	-	-	3	3	3	10	3	7	0	4	5	4	12	12	7	2	3	1	2	4
28	3	2	0	4	5	4	4	5	3	2	1	2	2	2	9	11	11	10	13	15	10	9	8	9	6
29	7	7	5	7	8	11	11	9	10	9	5	5	4	3	4	4	4	4	6	11	12	17	14	15	8
30	10	7	7	10	10	13	16	14	16	13	13	10	10	9	8	11	13	15	16	19	14	13	16	22	13
MEAN	6	6	6	7	7	9	11	10	8	7	6	6	5	5	5	6	6	5	6	6	6	6	6	7	6.6

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	13	14	14	13	9	12	12	19	20	16	15	14	15	12	12	15	15	18	17	19	16	17	19	15
2	20	16	11	10	11	11	12	12	12	13	9	8	8	6	6	7	7	14	18	23	25	20	18	15	13
3	11	13	10	9	8	7	9	6	7	5	5	3	4	4	4	4	5	7	8	9	11	11	13	17	8
4	12	9	8	8	7	18	24	28	20	16	13	11	11	12	***	10	10	12	14	14	11	15	13	23	14
5	7	9	14	11	17	20	23	-	16	16	-	12	12	13	14	15	15	13	17	18	17	19	12	9	15
6	7	7	6	8	9	13	16	22	15	14	14	13	14	14	14	9	16	12	12	0	0	0	0	10	10
7	0	0	0	0	0	0	3	3	2	2	2	2	2	2	2	2	3	3	5	5	2	2	2	2	2
8	2	2	3	3	1	2	4	5	4	3	3	4	3	***	3	2	3	3	3	3	3	4	3	4	3
9	3	2	3	2	2	1	1	2	2	3	2	1	1	1	2	3	2	2	2	2	2	1	2	3	2
10	3	2	1	0	0	0	2	3	2	0	1	0	0	0	0	0	0	1	1	5	5	2	3	3	1
11	5	4	4	3	7	10	11	11	9	3	4	4	4	4	3	3	3	5	7	9	11	13	9	12	7
12	10	11	14	20	22	25	26	31	21	11	12	10	9	11	12	11	11	12	11	12	12	13	13	15	15
13	11	9	10	10	10	18	17	15	14	9	5	3	4	4	4	3	3	2	2	2	2	2	1	7	7
14	0	0	0	0	0	2	3	4	3	4	2	1	2	2	6	2	0	3	5	5	4	7	10	11	3
15	5	6	8	11	13	15	17	14	8	6	6	6	4	0	3	3	2	3	2	-	2	1	2	2	6
16	2	4	2	0	0	1	1	2	2	2	1	1	3	0	2	2	2	2	3	2	2	2	-	-	2
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	*****
18	4	1	0	0	2	5	8	6	4	3	2	1	2	2	2	2	2	3	3	3	3	5	4	5	3
19	4	5	6	6	8	13	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*****
20	7	6	5	7	11	18	19	20	20	19	17	15	14	-	16	17	15	11	8	7	6	5	4	4	12
21	3	3	2	0	1	3	5	6	7	4	4	3	2	3	2	3	3	4	4	4	5	4	5	-	3
22	4	3	2	0	0	2	3	6	5	2	2	2	-	0	2	2	2	0	1	3	2	4	4	2	2
23	2	3	3	2	5	4	4	5	7	5	3	2	2	2	1	2	3	5	6	11	9	13	17	12	5
24	10	9	5	4	3	2	2	3	4	4	4	4	5	5	5	5	5	4	4	4	3	3	-	-	4
25	2	2	2	2	2	3	4	6	6	4	4	4	4	3	3	3	3	3	4	3	3	5	9	9	4
26	7	4	5	2	0	2	5	4	3	2	2	2	1	2	1	2	3	3	4	4	3	7	7	7	3
27	4	8	11	5	5	6	8	8	5	2	-	2	1	2	2	2	3	4	4	5	9	5	6	6	5
28	3	4	7	6	4	5	8	7	7	7	6	5	3	4	3	4	6	6	6	7	5	5	4	6	5
29	5	5	4	4	5	7	7	9	9	8	10	10	5	5	5	5	6	11	7	8	8	8	11	10	7
30	14	10	7	7	10	9	12	12	13	11	12	11	12	12	8	10	11	11	12	13	10	4	4	6	10
31	10	8	9	9	8	7	6	5	6	7	2	0	1	1	1	0	1	1	2	1	1	3	5	4	4
MEAN	6	6	6	5	6	8	9	10	9	7	6	5	5	5	5	5	6	6	7	7	7	7	7	8	6.6

PERCENTAGE OF DATA VALID - 93.4

PERCENTAGE OF DATA INVALID - 0.3

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK																MONTH - NOV 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	4	3	2	2	3	7	13	7	4	3	3	2	2	2	2	7	5	4	6	8	8	6	7	5
2	6	7	8	11	12	22	25	28	26	18	20	16	13	12	13	13	12	6	7	8	9	10	8	7	13
3	9	12	15	13	12	15	19	18	17	13	11	***	10	9	3	3	5	7	9	9	13	20	22	27	13
4	25	21	17	13	2	3	5	9	19	28	20	15	14	12	-	5	12	7	9	6	6	6	-	6	12
5	5	7	5	7	9	9	15	16	16	14	8	7	5	6	5	0	5	6	5	5	6	4	6	4	7
6	4	3	3	4	4	3	4	5	4	5	5	4	4	3	4	4	5	5	7	7	7	8	5	5	5
7	2	2	1	2	2	2	2	2	2	0	0	1	1	0	1	0	1	0	3	3	5	7	2	3	2
8	3	5	0	4	3	2	3	6	3	2	2	2	2	1	4	2	2	4	3	4	5	3	4	4	3
9	5	3	3	3	9	10	16	21	10	15	12	9	13	12	12	14	***	15	10	11	9	10	11	9	11
10	7	6	5	6	6	4	5	8	11	8	5	4	4	4	4	4	2	4	3	3	4	2	1	3	5
11	4	2	2	2	0	0	4	8	7	5	3	3	2	1	2	3	3	5	3	15	24	4	4	3	5
12	3	5	1	3	3	5	9	8	9	6	4	3	2	2	2	2	3	3	3	3	3	3	3	4	4
13	4	4	4	3	3	2	2	2	2	3	2	2	2	2	1	2	2	3	4	4	5	5	5	3	3
14	3	4	5	4	2	2	2	4	4	3	4	3	3	2	3	3	3	4	7	12	14	14	10	10	5
15	9	12	10	11	8	7	7	14	11	8	7	13	4	5	3	3	5	8	8	9	11	12	13	9	9
16	10	10	13	9	8	6	7	10	12	11	8	8	5	3	4	4	5	7	9	11	17	13	13	16	9
17	16	12	10	11	22	15	22	23	15	16	-	***	13	13	11	13	13	9	9	7	5	8	6	3	12
18	4	4	6	5	7	7	10	14	10	7	3	3	3	3	3	4	5	7	8	6	4	7	10	10	6
19	11	10	6	6	10	10	10	12	11	9	***	8	3	3	3	2	2	3	2	3	3	3	3	3	6
20	4	2	2	3	2	2	4	4	4	2	2	3	2	3	3	2	3	3	3	5	4	0	0	2	3
21	2	3	0	0	4	3	2	0	2	4	7	3	3	2	2	2	2	2	1	4	3	2	2	2	2
22	3	2	4	1	0	2	3	3	4	3	3	2	2	2	2	***	3	3	3	1	2	0	2	1	2
23	2	3	2	2	3	0	2	3	4	3	2	2	2	2	2	3	2	3	3	2	4	4	3	4	3
24	3	2	5	3	1	1	3	5	8	6	8	6	4	5	5	0	16	8	8	9	7	7	7	5	6
25	6	4	4	6	4	6	8	11	17	21	20	19	16	17	19	19	17	15	12	12	14	14	13	13	13
26	15	13	17	20	13	12	12	16	16	17	16	17	13	14	15	11	8	7	5	6	7	7	11	12	13
27	10	9	7	7	6	6	7	6	7	4	2	0	0	0	0	1	2	3	3	3	3	3	3	3	4
28	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	0	1	1	2	3	2	0	0	0	2
29	4	0	0	0	0	2	2	3	6	4	0	0	2	3	***	0	5	5	4	4	4	3	3	3	2
30	3	3	3	3	3	4	5	7	7	4	3	4	3	3	4	3	5	5	2	4	7	7	6	4	4
MEAN	6	6	5	6	5	6	7	9	9	8	7	6	5	5	5	4	5	5	5	6	7	6	6	6	6.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 34007					BATHURST/WILSON, NORTH YORK										MONTH - DEC 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	2	3	4	3	4	5	8	13	15	-	-	-	-	-	-	***	9	9	6	5	10	8	8	7	
2	8	4	3	6	5	2	4	4	6	0	0	1	2	2	5	5	2	3	3	4	5	5	4	13	4	
3	4	2	3	3	3	4	6	14	14	17	14	7	9	9	3	5	6	10	4	5	10	12	10	8	8	
4	5	4	5	5	7	6	4	5	5	7	3	3	4	3	4	5	5	7	10	11	9	8	7	6	6	
5	7	4	6	4	4	7	5	4	2	3	4	4	4	4	4	5	8	10	12	10	10	11	12	12	7	
6	11	11	12	11	19	18	10	8	10	12	11	12	14	13	12	11	15	12	9	12	13	7	5	6	11	
7	7	11	9	8	7	7	7	3	3	3	2	1	2	2	2	***	0	5	4	3	3	3	4	2	4	
8	2	2	3	4	5	5	3	4	10	5	8	12	16	13	14	10	8	6	5	5	5	4	3	2	6	
9	2	0	3	3	1	0	2	5	6	4	3	2	7	10	12	12	9	10	10	10	14	10	7	7	6	
10	7	6	8	8	10	15	16	15	15	13	8	7	7	9	9	10	5	6	5	5	5	3	2	2	8	
11	2	1	0	0	2	2	2	4	4	2	1	3	3	4	4	4	6	6	6	6	7	5	5	3	3	
12	6	7	5	4	5	4	5	6	6	5	7	6	7	6	6	4	***	12	7	4	2	2	1	1	5	
13	2	2	2	2	2	2	2	2	4	0	0	2	5	-	-	-	-	***	8	7	6	9	10	7	4	
14	9	7	7	8	7	6	8	5	6	7	10	7	6	6	***	4	4	3	3	3	3	4	3	6	6	
15	3	4	8	5	5	7	9	9	9	7	5	4	3	6	17	15	18	11	18	15	17	21	19	22	11	
16	24	22	15	16	14	18	18	16	14	12	14	17	12	10	11	11	10	10	8	8	8	11	8	8	13	
17	6	9	8	6	8	10	10	11	11	9	11	-	6	4	***	0	4	3	4	3	4	3	3	3	6	
18	2	2	2	2	1	2	5	3	2	0	2	2	3	3	3	3	-	9	11	9	11	13	6	5	4	
19	10	12	12	16	15	15	15	16	15	8	8	8	9	11	15	9	-	11	19	29	28	27	23	15	15	
20	18	15	12	9	9	8	11	16	21	17	19	19	7	2	2	2	3	3	3	3	2	2	2	3	9	
21	0	2	2	2	1	2	0	2	2	2	0	2	2	6	3	***	2	2	1	2	2	3	2	2	2	
22	1	1	2	3	4	0	5	8	9	8	6	6	7	8	10	9	10	8	7	6	6	5	7	6	6	
23	3	5	4	4	4	6	7	8	8	4	2	3	3	3	4	3	3	4	4	2	2	2	1	4	4	
24	2	1	0	2	2	3	5	7	5	5	7	1	2	3	4	4	4	5	8	5	5	7	6	7	4	
25	6	6	6	5	5	4	3	4	5	5	5	5	5	5	6	7	7	8	9	6	8	7	8	8	6	
26	6	3	2	2	3	5	6	5	7	6	4	4	4	4	4	3	4	4	4	3	2	4	2	2	4	
27	2	2	0	1	2	2	3	3	5	5	5	5	2	2	4	3	4	3	6	4	7	7	8	6	4	
28	4	5	4	3	2	3	4	6	5	4	5	6	8	4	5	5	7	6	5	4	4	4	5	8	5	
29	7	5	6	6	7	8	6	6	8	7	4	4	5	3	3	4	2	4	3	3	2	3	5	4	5	
30	3	3	4	4	5	4	6	9	***	***	5	4	3	3	4	6	4	6	9	9	8	7	5	5	5	
31	4	3	3	3	3	3	3	4	4	4	4	3	3	1	3	3	4	3	3	3	3	2	4	6	3	
MEAN	6	5	5	5	5	6	6	7	8	7	6	6	6	5	6	6	6	6	7	6	7	7	6	7	6.2	

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.7	12	25
FEB	28	5.4	14	26
MAR	31	5.8	12	37
APR	29	4.5	14	21
MAY	30	5.7	15	32
JUN	30	8.0	16	28
JUL	30	5.9	16	39
AUG	31	7.2	19	31
SEP	30	6.6	17	37
OCT	29	6.6	15	31
NOV	30	6.2	13	28
DEC	31	6.2	15	29
YEAR	360	6.2	19	39

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	346	287	70	24	3	0	0	730
FEB	362	227	46	28	4	0	0	667
MAR	344	272	68	18	8	1	0	711
APR	455	176	46	20	1	0	0	698
MAY	393	200	79	30	15	1	0	718
JUN	247	257	131	59	19	0	0	713
JUL	350	219	99	27	13	2	0	710
AUG	343	167	132	67	28	1	0	738
SEP	353	195	90	47	22	1	0	708
OCT	339	190	113	41	11	1	0	695
NOV	374	206	83	33	15	0	0	711
DEC	321	299	69	23	9	0	0	721
YEAR	4227	2695	1026	417	148	7	0	8520

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.0	0	0.1	2.1	4.1	7.4	13.4	16.3	19.7	22.1	39	6.2

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35033

EVANS/ARNOLD AVE. ETOBICOKE

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	2	0	0	1	1	0	0	0	0	2	2	2	0	0	0	2	2	6	7	7	7	2
2	8	7	8	5	0	0	0	2	2	3	4	3	2	2	2	4	3	3	3	3	4	4	6	4	3
3	3	3	3	3	3	3	3	3	3	4	4	3	4	0	2	2	1	2	2	2	1	0	0	0	2
4	2	1	0	1	2	1	0	2	0	1	1	0	0	0	0	0	2	2	2	3	2	2	2	2	1
5	5	4	5	7	4	4	5	7	11	13	13	9	7	3	3	3	2	4	5	4	4	4	5	5	6
6	3	4	4	5	4	6	7	11	13	9	7	8	8	5	7	5	8	10	9	11	8	7	8	7	7
7	4	4	6	4	5	5	5	6	10	8	9	9	8	4	6	2	2	0	1	2	0	1	0	0	4
8	0	0	0	1	1	2	2	7	10	10	9	6	4	4	4	4	3	4	3	3	3	3	2	4	4
9	1	1	2	2	4	5	4	3	4	4	5	5	5	3	4	4	3	3	2	2	4	4	3	3	3
10	3	3	3	3	4	5	5	3	6	4	3	4	3	3	4	0	3	3	4	5	4	5	7	12	4
11	14	5	3	3	2	4	4	3	3	3	4	5	3	5	4	3	4	2	5	5	9	5	5	4	4
12	5	3	3	2	2	0	0	5	9	8	17	8	10	7	6	6	6	6	6	7	4	4	4	5	6
13	4	5	7	7	7	9	10	16	14	10	8	7	5	11	5	8	5	3	6	6	6	5	3	7	7
14	3	4	2	1	0	2	3	3	3	3	4	3	2	....	8	0	2	2	3	2	2	2	2	1	2
15	1	2	2	3	2	2	3	6	9	8	5	4	4	4	5	4	4	5	4	5	13	4	2	3	4
16	3	3	4	4	4	2	2	....	5	5	5	4	5	5	3	4	4	4	4	3	2	3	3	4	4
17	2	2	1	0	0	2	1	2	3	5	4	4	3	4	4	3	3	5	6	6	6	4	5	3	3
18	2	1	1	0	0	1	2	2	5	5	6	5	4	4	4	6	3	3	6	8	5	7	7	9	4
19	8	9	6	7	7	6	9	6	9	8	4	4	4	4	4	5	6	7	7	5	5	4	4	3	6
20	4	4	3	3	3	3	3	4	3	4	5	4	4	5	4	5	5	3	3	3	3	3	3	3	4
21	2	3	3	3	2	2	3	4	3	5	5	4	5	8	7	6	7	8	5	4	3	2	2	2	4
22	0	1	1	2	0	0	2	5	3	4	8	3	3	4	4	5	6	3	4	3	3	2	2	3	3
23	2	2	3	3	2	2	5	11	16	13	13	14	15	17	15	11	8	9	7	10	9	8	7	5	9
24	4	4	3	2	2	3	4	4	6	6	6	6	4	5	5	3	3	4	5	8	7	10	11	11	5
25	12	13	8	7	5	8	9	8	9	8	8	6	3	2	3	3	2	3	0	0	3	3	10	7	6
26	....	5	0	5	8	10	5	11	-	8	10	10	12	10	16	15	8	7	7	6	5	3	3	8	8
27	4	3	2	2	3	4	7	7	7	7	7	7	5	7	6	6	7	5	6	8	9	9	7	4	6
28	5	3	3	3	2	3	5	7	8	7	4	3	4	4	2	4	7	7	5	4	4	3	4	4	4
29	4	3	3	5	3	4	8	6	7	3	-	4	4	3	4	3	4	4	3	2	3	4	4	5	4
30	6	4	5	4	4	3	6	7	8	-	....	7	7	4	32	3	10	7	7	6	7	9	14	11	8
31	12	16	15	10	13	11	11	14	11	8	12	10	5	5	4	4	4	5	5	3	3	4	4	2	8
MEAN	4	4	4	4	3	4	4	6	7	6	7	5	5	5	6	4	5	4	4	5	5	4	5	4	4.7

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35033

EVANS/ARNOLD AVE. ETOBICOKE

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	4	4	4	4	5	5	5	6	5	4	4	5	3	2	0	2	0	0	0	0	3
2	0	0	0	1	0	0	2	4	9	4	6	6	5	3	4	....	2	0	4	4	4	4	4	3	3
3	2	3	3	3	3	3	4	7	6	6	6	5	4	4	4	4	6	8	5	5	6	8	11	5	5
4	13	12	10	10	11	9	6	6	5	....	2	7	2	2	0	0	4	4	2	2	6	6	3	3	5
5	7	5	6	7	5	5	7	8	14	11	11	8	6	8	8	7	8	6	6	7	-	-	0	11	7
6	11	9	9	8	7	7	2	2	5	5	3	6	4	4	5	3	2	2	2	2	1	1	2	3	4
7	2	3	2	0	1	2	3	5	6	7	4	3	2	0	2	1	2	0	2	2	2	3	2	0	2
8	2	2	2	2	2	2	2	3	2	4	2	2	1	1	2	0	2	0	3	3	2	2	3	2	2
9	2	2	2	2	3	1	6	6	10	10	2	2	0	0	0	4	5	4	4	5	5	5	4	5	4
10	5	6	4	5	5	6	7	9	11	9	10	6	5	9	8	9	14	14	7	5	7	10	8	7	8
11	4	3	2	2	0	0	2	5	5	7	8	5	5	8	6	4	4	2	2	2	3	2	2	2	4
12	2	3	3	2	3	4	6	12	12	5	3	4	5	7	7	5	5	4	4	5	6	0	5	5	5
13	2	2	3	4	3	6	11	9	11	7	7	4	3	....	3	4	4	4	2	3	2	2	2	2	4
14	3	3	3	3	2	3	3	5	6	4	3	3	3	3	2	0	....	0	2	2	2	4	5	7	3
15	2	1	5	4	4	3	3	4	6	5	3	4	6	4	4	3	4	4	4	5	4	3	2	0	4
16	0	2	2	2	5	4	6	10	11	8	9	7	6	8	6	4	4	6	5	2	2	2	2	3	5
17	2	2	3	2	3	6	10	8	3	4	4	6	6	5	7	7	7	5	4	5	4	4	3	3	5
18	3	3	2	2	2	2	3	5	5	5	3	3	3	3	0	8	11	11	3	6	12	3	2	2	4
19	2	2	1	3	2	2	2	4	4	4	4	3	3	6	4	4	3	3	2	5	2	2	3	3	3
20	3	2	3	0	0	0	0	8	6	7	5	3	5	4	5	4	3	3	4	4	3	3	2	3	3
21	4	5	9	5	5	6	4	3	6	6	3	2	2	2	6	4	2	8	11	12	10	10	6	3	6
22	1	2	1	1	2	2	1	4	0	0	0	0	1	1	-	-	0	0	0	0	1	0	0	0	1
23	0	1	1	0	0	0	3	2	4	4	5	3	4	2	3	2	3	2	2	2	2	2	2	3	2
24	3	2	2	3	1	2	3	3	4	5	4	5	5	5	6	4	6	4	6	14	11	14	16	16	6
25	21	10	15	15	9	13	10	18	10	6	9	6	6	6	6	5	-	0	2	5	14	5	6	5	9
26	-	9	12	13	12	8	15	19	15	12	12	12	....	....	....	....	....	....	....	....	....	....	....	....	....
27	....	....	....	....	....	....	....	9	8	8	6	4	4	2	2	3	4	6	2	2	2	0	0	0	4
28	1	3	6	3	2	0	0	0	0	2	0	2	1	1	0	0	2	2	0	0	5	5	2	2	2
29	0	0	3	3	0	0	2	1	1	5	5	3	3	3	2	2	2	2	2	2	3	3	1	1	2
MEAN	4	4	4	4	3	4	5	6	7	6	5	5	4	4	4	4	4	4	3	4	4	4	3	4	4.2

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	0	2	2	3	4	5	5	4	-	2	2	2	3	3	3	1	0	2	1	2	3	2
2	3	2	2	1	2	3	3	5	5	4	2	3	3	3	***	***	-	-	***	***	***	***	-	-	***
3	***	***	***	***	***	***	***	***	***	***	***	***	8	7	3	4	4	4	4	4	4	4	7	6	***
4	10	10	10	11	9	4	5	9	10	5	5	4	2	5	2	2	2	2	3	3	4	4	1	4	5
5	2	2	2	2	10	7	12	20	18	6	9	4	2	3	3	0	3	0	0	0	2	1	0	-	5
6	1	2	0	1	2	6	0	3	3	2	3	2	2	2	2	0	1	3	4	2	3	3	3	2	2
7	1	-	-	0	1	1	0	0	0	1	***	2	3	0	0	0	0	-	-	-	-	-	2	2	1
8	2	1	1	1	0	2	4	5	6	4	2	4	5	2	2	2	2	2	3	3	4	5	5	7	3
9	6	14	-	29	17	20	17	15	4	4	3	3	3	0	2	2	3	4	3	4	4	6	4	15	8
10	5	5	13	2	6	6	2	2	9	9	9	7	8	7	9	9	8	7	8	6	4	3	3	2	6
11	3	3	2	2	2	3	3	6	6	3	3	-	-	-	***	0	2	1	3	4	4	5	9	9	4
12	4	1	2	2	2	2	2	2	3	2	2	0	3	-	***	3	4	3	3	3	4	5	6	4	3
13	3	4	4	4	0	1	1	1	1	3	2	0	2	0	2	1	0	0	1	0	3	2	2	2	2
14	2	3	2	0	2	2	2	2	2	2	1	0	0	0	1	0	2	0	3	2	2	0	2	0	1
15	2	0	0	0	0	1	3	5	4	3	3	3	4	3	3	3	2	2	3	4	4	7	5	5	3
16	2	3	0	0	0	2	2	6	7	7	6	7	6	7	5	5	4	2	2	2	3	2	1	2	4
17	1	1	0	0	0	0	2	***	3	3	3	3	3	2	2	3	3	4	2	1	2	3	3	3	2
18	3	4	3	6	7	5	6	5	7	7	5	3	3	3	2	4	5	4	4	3	4	5	6	4	5
19	4	4	5	4	7	8	11	18	13	5	5	4	4	5	5	6	5	4	2	3	4	5	7	8	6
20	4	7	5	5	7	6	9	8	6	5	7	5	4	4	4	4	5	3	3	3	3	3	4	2	5
21	2	2	1	0	0	2	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	1	0	1	1
22	2	0	-	2	0	3	0	3	6	-	0	5	3	2	3	2	2	1	2	2	3	3	1	2	2
23	3	4	2	2	2	3	4	9	7	7	5	4	4	3	4	2	0	1	2	1	3	3	4	6	4
24	3	3	7	9	4	4	5	7	7	7	7	6	4	4	4	4	2	2	5	4	4	5	6	4	5
25	3	2	0	0	2	3	4	10	7	7	6	4	3	3	3	2	3	0	1	3	2	3	4	5	3
26	5	5	0	0	0	0	4	4	1	5	5	3	3	2	12	3	6	3	5	7	10	16	16	8	5
27	7	5	12	16	12	6	4	4	5	4	4	5	3	3	-	2	0	0	0	-	0	0	0	0	4
28	0	0	0	0	0	0	0	0	1	2	4	0	4	2	2	0	0	0	0	2	3	5	9	7	2
29	6	8	14	10	3	0	1	2	3	0	3	3	4	5	3	3	3	3	2	1	1	2	1	1	3
30	2	1	0	2	1	***	1	3	4	4	4	4	5	6	4	6	5	3	1	3	5	5	6	7	4
31	4	5	4	2	3	2	3	4	4	7	6	-	-	***	6	6	7	3	3	4	6	6	4	2	4
MEAN	3	4	3	4	3	4	4	6	5	4	4	3	3	3	3	3	3	2	3	3	3	4	4	4	3.6

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	2	2	3	3	2	4	5	6	4	5	3	4	3	1	2	1	0	2	3	4	5	4	3
2	3	4	3	4	4	3	5	4	5	4	5	4	4	1	-	***	3	2	2	4	4	4	5	3	4
3	4	0	1	0	0	2	2	3	4	4	4	4	2	3	0	0	2	3	3	2	0	0	2	2	2
4	2	0	0	0	0	0	0	0	1	1	2	2	2	2	0	0	0	0	0	0	3	3	2	1	1
5	0	2	0	0	1	2	3	5	6	5	5	5	5	3	2	1	3	2	3	3	0	0	1	1	2
6	2	2	2	2	1	1	2	2	1	1	6	****	4	4	4	4	3	0	0	0	2	3	2	7	2
7	3	4	3	3	2	3	5	6	6	6	5	4	3	2	3	2	1	0	0	0	1	1	2	2	3
8	3	3	2	2	2	3	3	5	-	5	4	3	3	3	3	4	4	3	0	0	0	2	2	2	3
9	2	2	2	3	2	4	7	8	10	8	5	5	2	***	4	4	4	3	3	5	5	6	13	11	5
10	8	5	4	6	6	7	8	8	8	7	7	6	4	5	2	3	2	3	3	2	0	1	2	3	5
11	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	0	0	2	1	2	2	1
12	2	2	3	4	5	2	4	4	4	4	5	4	4	3	5	3	3	1	0	2	2	5	4	8	3
13	5	6	4	3	3	4	7	9	8	7	7	6	3	5	3	5	4	3	3	5	6	8	9	10	6
14	10	13	13	17	19	21	25	21	18	13	10	10	9	8	4	***	11	12	11	7	8	11	8	10	13
15	11	13	11	9	13	14	10	10	14	15	18	7	14	11	7	6	8	10	8	6	8	12	5	10	10
16	7	6	5	4	6	8	12	11	7	5	4	4	1	4	6	3	3	3	8	6	9	7	6	5	6
17	9	4	7	7	7	8	9	5	7	7	6	7	6	5	7	-	0	7	8	3	7	9	13	11	7
18	15	12	14	13	12	14	16	12	7	7	5	5	5	5	4	3	4	4	5	4	6	13	5	7	8
19	12	21	2	2	1	1	6	10	11	9	7	5	3	4	4	4	5	3	4	7	6	8	5	7	6
20	-	-	-	-	-	-	-	-	-	-	-	****	4	5	5	6	8	7	7	6	11	-	2	7	*****
21	9	7	6	7	7	3	4	4	-	3	4	4	3	11	10	5	15	6	8	10	13	15	5	6	7
22	7	10	6	5	8	1	7	7	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	****	4	4	0	6	5	3	2	3	2	3	3	2	3	2
28	2	1	0	0	2	2	5	6	4	7	0	****	4	2	0	0	2	2	1	1	3	3	0	0	2
29	0	0	1	0	3	6	8	10	8	5	4	4	5	4	4	6	4	6	3	3	5	4	7	11	5
30	8	8	8	7	8	17	20	14	7	7	6	5	3	3	4	2	3	2	4	3	4	4	3	7	7
MEAN	5	5	4	4	4	5	6	6	6	5	5	4	4	4	3	3	3	3	3	3	4	4	4	5	4.1

PERCENTAGE OF DATA VALID - 92.9

PERCENTAGE OF DATA INVALID - 4.9

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE														MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	7	5	5	5	8	9	9	7	4	5	4	6	4	4	5	5	5	6	6	8	7	5	6
2	6	7	12	5	6	9	10	4	7	9	5	***	3	4	3	2	2	3	5	0	2	2	3	2	5
3	2	0	0	0	2	3	6	5	6	5	6	1	***	-	-	-	-	***	-	1	1	2	2	3	
4	1	2	2	2	2	3	7	7	6	5	4	2	4	5	2	5	1	3	1	4	2	4	1	3	
5	5	6	5	6	6	5	6	6	6	7	6	5	6	7	6	7	6	4	3	3	3	5	5	5	
6	4	4	4	0	2	2	4	5	6	6	7	6	7	0	9	5	4	3	3	2	4	2	3	2	
7	3	3	3	2	2	3	4	5	5	5	4	5	5	4	4	4	5	4	3	2	4	3	6	7	
8	3	1	0	1	0	2	3	5	4	4	0	0	1	0	0	2	1	0	2	0	2	2	1	2	
9	3	3	3	2	2	3	3	5	5	7	4	3	2	2	1	2	2	1	3	3	2	5	9	14	
10	19	14	13	15	12	15	9	13	9	****	8	8	10	9	10	5	3	3	5	5	7	4	5	9	
11	9	4	2	2	0	6	8	10	7	8	7	-	****	-	-	****	4	3	2	0	3	3	2	1	
12	0	0	0	0	2	4	4	5	6	0	****	5	2	4	4	3	2	2	3	5	5	5	5	3	
13	6	6	5	6	10	7	8	9	9	4	5	4	4	5	6	7	5	5	4	4	4	3	5	3	
14	5	9	6	4	6	5	11	9	14	12	16	12	11	13	13	4	6	8	8	9	10	12	16		
15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5	4	2	3	4		
16	2	2	2	3	3	3	3	3	5	7	5	7	5	6	8	5	6	4	8	8	12	5	11		
17	12	9	10	3	7	5	8	11	10	8	4	2	****	6	12	11	7	5	3	0	0	0	0	6	
18	0	0	0	0	0	3	4	5	4	2	2	4	****	7	7	4	2	2	3	1	0	1	0		
19	-	1	0	0	1	4	6	5	4	3	4	3	****	9	4	4	3	0	0	2	0	2	0		
20	2	2	2	2	2	2	6	9	6	6	6	5	3	5	5	4	4	3	4	8	9	12	11		
21	3	6	3	4	7	2	4	3	3	3	3	1	0	4	3	3	3	1	2	1	3	3	5		
22	4	0	3	3	0	1	0	0	2	0	2	0	0	0	2	1	0	2	3	2	1	1	0		
23	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2	1	0	3	1	2		
24	0	1	0	0	0	2	3	4	0	0	0	2	0	0	0	1	2	2	4	5	5	6	4		
25	4	2	6	5	10	5	9	9	8	4	3	2	-	5	5	3	4	6	6	3	5	4	3		
26	3	3	2	2	4	8	11	13	7	9	7	6	****	4	9	3	5	3	5	6	6	10	12		
27	11	7	8	7	7	8	6	6	4	8	7	4	4	5	6	6	5	4	5	4	7	5	6		
28	8	9	13	10	14	10	2	6	8	****	13	5	8	5	6	5	6	4	5	5	7	6	6		
29	7	6	4	7	10	8	5	5	5	4	4	4	4	3	4	3	4	4	4	4	3	3	6		
30	10	7	5	7	5	3	3	4	4	5	3	2	4	3	2	3	3	3	2	3	3	3	5		
31	3	4	3	4	5	6	13	15	16	****	17	8	7	6	7	9	8	8	5	7	9	15	7		
MEAN	5	4	4	4	4	5	6	7	6	5	5	4	4	5	5	4	4	3	4	4	4	4	5		

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	2	5	0	7	6	9	8	7	3	2	4	5	6	4	3	4	5	4	12	14	21	18	7
2	20	19	10	8	8	12	11	11	4	4	4	4	4	3	4	4	2	1	2	5	5	9	12	12	7
3	15	11	11	8	5	7	9	10	10	10	10	7	5	3	4	3	3	2	3	4	8	15	17	19	8
4	13	9	6	4	8	13	10	6	5	6	5	3	7	4	4	3	2	2	3	5	5	4	9	7	6
5	11	8	8	7	8	7	5	3	3	5	2	3	3	3	2	0	0	0	3	3	7	9	8	5	5
6	4	2	0	2	5	2	3	3	3	2	2	1	2	2	2	2	1	3	3	3	2	6	6	3	3
7	6	5	6	4	4	9	11	8	6	8	8	6	9	6	9	4	4	4	5	7	9	10	11	9	7
8	9	8	7	9	11	10	12	13	13	13	***	***	3	5	7	5	6	4	5	9	9	8	8	17	9
9	8	8	6	9	9	10	11	9	12	***	15	8	10	10	8	9	7	3	5	8	10	9	9	8	9
10	8	7	6	5	8	14	14	13	13	10	10	9	0	3	5	6	5	5	6	4	5	5	5	6	7
11	5	6	6	6	8	10	15	16	10	11	5	6	6	7	-	-	-	7	2	2	3	3	1	2	7
12	2	0	3	0	0	0	0	0	3	0	0	1	0	0	0	0	1	0	0	1	0	0	1	2	1
13	0	0	1	0	3	2	1	0	3	3	2	3	4	3	2	3	4	6	8	***	8	8	5	3	3
14	4	5	4	7	6	10	4	8	11	9	8	8	8	8	11	5	5	5	4	4	5	5	6	5	6
15	9	13	7	7	***	10	15	11	11	8	7	4	8	6	8	7	8	6	5	7	5	4	4	3	8
16	6	7	4	3	3	5	8	8	8	11	5	4	4	7	7	6	7	7	6	3	3	4	4	4	6
17	5	3	7	0	0	2	8	4	4	5	4	3	5	5	5	2	3	4	3	5	8	12	15	16	5
18	8	12	8	10	12	15	16	11	6	6	6	5	4	6	6	5	4	4	4	4	5	3	4	2	7
19	6	7	5	8	5	11	6	7	6	3	0	2	1	2	3	3	3	2	1	2	1	0	2	4	4
20	2	0	0	0	0	0	0	2	0	0	0	0	1	0	2	3	3	4	7	9	11	7	8	12	3
21	5	4	6	4	5	10	9	8	5	4	***	4	7	4	4	5	3	3	3	3	5	5	8	8	5
22	6	7	5	8	9	9	11	11	13	12	8	9	8	7	6	7	8	7	9	9	10	8	7	-	8
23	8	10	12	11	15	16	17	17	-	***	8	7	5	5	6	4	4	4	4	4	5	6	9	8	8
24	7	7	10	8	8	8	8	11	8	6	12	11	10	10	8	7	4	7	4	5	7	3	4	1	7
25	4	2	2	3	5	10	11	10	9	5	6	6	4	6	5	3	13	3	2	4	5	5	4	3	5
26	4	4	4	3	2	4	2	2	2	4	4	3	2	2	2	2	2	0	2	0	0	2	2	3	2
27	3	4	3	0	0	2	2	0	2	2	1	2	0	0	2	2	2	2	3	4	2	-	0	3	2
28	3	4	4	3	4	7	9	7	7	4	5	6	7	***	8	5	8	5	5	4	4	5	5	8	6
29	4	5	8	6	4	9	13	11	10	9	7	7	7	7	6	6	6	5	5	3	5	3	7	5	7
30	8	9	10	3	6	5	10	7	7	4	5	4	4	***	3	4	3	2	3	3	3	3	3	3	5
MEAN	7	6	6	5	6	8	9	8	7	6	5	5	5	5	5	4	4	4	4	4	5	6	7	7	5.7

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	3	3	****	0	2	5	5	3	4	4	3	3	3	2	1	0	3	****	1	0	3	2	3
2	0	0	3	0	0	3	3	3	3	0	4	4	4	3	3	3	2	3	4	2	3	2	1	0	2
3	2	3	2	0	1	0	2	1	0	0	****	0	0	3	2	0	1	0	2	3	4	0	2	2	1
4	2	0	3	0	2	3	2	0	3	1	1	1	0	0	0	2	1	2	2	2	7	10	5	3	2
5	3	4	5	5	7	9	12	11	7	10	7	6	7	5	5	5	4	4	5	6	7	10	8	5	7
6	4	3	4	10	12	12	11	7	11	9	9	4	7	****	8	4	3	4	6	7	8	10	5	7	7
7	9	8	9	13	15	14	14	17	13	13	8	11	8	5	5	5	4	5	6	6	8	6	5	7	9
8	7	6	5	5	6	10	10	9	7	6	3	3	4	3	4	3	3	3	2	2	0	3	2	4	5
9	3	3	2	3	3	6	11	7	7	5	7	6	4	3	3	2	3	3	4	2	2	5	5	4	4
10	5	10	4	4	6	2	6	5	6	3	4	4	4	4	4	4	3	3	4	4	4	3	4	6	4
11	5	8	4	5	7	5	4	-	5	3	3	4	2	3	2	3	2	0	2	2	2	0	2	3	3
12	1	3	0	0	0	5	3	2	5	-	5	4	2	6	2	2	5	0	0	1	0	4	2	0	2
13	3	0	0	0	3	0	2	5	4	4	4	3	5	4	3	4	3	2	2	3	4	0	5	2	3
14	8	6	5	8	9	11	13	18	8	8	6	7	-	5	8	8	6	5	7	6	6	6	7	4	8
15	6	4	8	9	17	15	16	-	6	-	-	5	9	7	7	5	4	3	5	7	3	4	7	4	7
16	4	5	5	11	9	10	10	10	10	15	11	11	12	7	5	4	2	2	4	2	4	3	2	4	7
17	3	3	0	0	0	0	2	2	0	1	0	0	1	1	0	0	1	0	0	0	2	3	0	3	1
18	2	2	2	4	2	0	2	0	0	2	0	0	1	0	1	2	1	2	2	2	5	2	4	2	2
19	4	3	4	5	7	9	11	11	10	11	7	9	6	****	8	6	7	4	4	6	5	4	3	2	6
20	4	3	3	3	11	7	7	10	11	12	10	9	8	9	8	5	4	5	3	0	0	0	5	5	6
21	7	6	2	2	4	5	9	6	7	3	2	3	4	****	5	4	2	2	3	4	7	3	4	7	4
22	3	5	3	2	2	3	2	3	4	3	3	4	3	2	3	5	2	2	2	4	3	2	0	3	3
23	2	2	0	6	18	14	13	-	-	-	18	8	16	9	7	5	7	5	7	7	8	8	7	10	8
24	13	11	6	4	2	6	6	2	0	2	0	0	0	0	2	1	0	1	0	1	3	2	2	2	3
25	2	0	4	0	0	1	0	2	0	0	1	1	1	0	0	0	1	0	0	2	3	4	0	6	1
26	8	10	4	9	3	7	7	3	7	6	5	****	0	0	0	0	0	0	0	0	0	0	0	0	3
27	0	0	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	-	****	-	-	-	-	-	-	-	-	-	-	*****
29	0	0	0	0	0	0	0	0	0	0	0	0	0	****	6	6	7	5	6	3	4	3	3	3	2
30	3	6	5	7	3	4	9	10	8	8	10	9	****	4	6	6	3	4	9	5	5	4	6	8	6
31	8	11	12	9	7	6	7	7	5	7	4	3	3	3	4	3	2	0	0	0	0	0	0	0	4
MEAN	4	4	4	4	5	6	7	6	5	5	5	4	4	4	4	3	3	2	3	3	3	3	3	4	4.1

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	0	0	0	1	0	1	0	2	1	0	0	0	0	0	3	0	0	0	3	0	3	1
2	2	0	0	3	0	3	0	0	2	0	2	2	0	1	3	1	0	3	0	2	4	4	6	5	2
3	6	7	12	8	8	5	10	8	6	8	4	4	3	3	3	4	2	2	3	3	4	5	2	2	5
4	3	4	7	5	12	9	10	7	9	7	5	4	6	3	6	6	6	4	4	4	5	6	5	5	6
5	5	6	5	4	5	9	9	12	-	10	7	5	5	4	6	4	4	4	3	4	6	6	2	1	5
6	0	0	2	0	2	3	5	0	2	3	4	****	0	1	4	4	0	3	3	3	3	4	3	9	3
7	4	4	0	3	2	2	4	0	0	0	0	3	1	2	2	2	3	4	2	2	4	4	5	2	2
8	0	0	0	3	3	0	0	3	4	2	0	0	1	2	3	3	3	3	3	3	3	3	3	2	2
9	1	2	2	1	2	3	6	8	10	8	6	6	8	8	9	6	5	7	5	3	6	5	5	5	5
10	2	2	5	0	6	7	21	18	****	2	4	5	5	3	5	3	3	2	6	7	9	15	19	19	7
11	10	12	11	9	9	8	11	11	7	8	8	7	7	8	6	6	6	5	7	6	5	6	5	6	8
12	7	7	10	6	5	7	11	10	11	9	6	7	6	7	9	5	3	4	5	7	5	8	9	6	7
13	6	9	7	8	6	5	6	5	9	7	4	5	****	3	7	8	5	3	6	4	4	8	10	6	6
14	9	8	4	2	****	1	3	2	0	3	0	2	1	0	1	1	2	0	3	1	3	2	3	2	2
15	4	0	0	0	0	0	0	1	2	2	0	0	0	3	1	0	2	0	1	12	6	3	3	2	2
16	0	0	3	0	5	3	13	10	****	1	5	4	4	3	4	4	2	2	4	-	10	6	-	6	4
17	4	1	7	2	6	10	14	15	13	7	6	5	5	4	5	3	3	1	3	4	4	5	6	5	6
18	3	4	3	0	5	4	8	9	0	19	6	5	3	4	3	4	3	3	3	2	5	8	9	10	5
19	10	10	11	9	10	****	****	****	****	6	4	5	4	5	0	5	4	2	2	3	6	4	4	8	5
20	10	12	19	18	21	15	12	13	****	0	7	7	9	6	5	5	5	****	6	3	6	6	7	7	9
21	6	7	9	8	7	9	8	6	6	4	4	5	4	4	4	5	5	4	5	3	5	7	7	6	6
22	7	6	7	5	5	6	5	6	4	4	5	4	5	4	4	4	3	-	4	3	4	5	5	6	5
23	6	5	3	4	5	6	8	10	****	****	6	5	5	4	5	3	3	2	0	2	2	3	4	3	4
24	2	0	2	4	0	0	6	4	2	3	3	****	10	2	3	3	2	3	2	3	0	4	6	11	3
25	10	11	****	11	6	11	14	19	17	16	9	4	5	4	4	6	4	4	6	4	3	3	6	10	8
26	12	10	12	10	14	14	18	19	19	10	7	5	8	10	9	11	7	7	9	6	4	5	6	3	10
27	6	9	7	7	6	5	7	7	5	5	5	2	4	3	3	3	4	4	4	4	3	4	5	3	5
28	3	4	3	3	3	3	4	3	3	4	4	3	3	0	0	0	1	3	3	0	3	3	3	2	3
29	3	3	2	0	2	2	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	2	3	2	1
30	0	0	0	4	4	2	4	2	4	3	****	0	0	1	2	2	2	3	3	5	2	0	4	8	2
31	6	4	3	4	7	10	9	10	6	6	5	4	5	3	4	4	4	3	3	3	4	5	6	5	5
MEAN	5	5	5	5	6	5	8	7	6	5	4	4	4	3	4	4	3	3	4	4	4	5	5	6	4.7

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35033										EVANS/ARNOLD AVE. ETOBICOKE										MONTH - SEP 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	5	6	4	6	7	9	9	15	9	8	7	6	2	8	5	4	1	3	3	2	4	3	0	2	5				
2	2	3	2	4	1	8	6	4	3	1	2	3	3	3	3	2	1	1	3	4	4	5	6	8	3				
3	15	8	11	12	11	13	20	11	4	4	4	4	2	3	1	2	0	3	3	4	5	6	7	6	7				
4	4	4	3	4	2	3	4	3	3	3	4	3	4	2	2	1	0	2	2	2	0	3	0	3	3				
5	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	3	0	2	0	0	3	2	1				
6	1	0	0	2	0	2	11	5	0	1	3	0	0	0	1	1	2	0	1	2	2	2	5	7	2				
7	6	3	6	4	4	7	10	7	***	***	6	2	4	4	4	3	3	4	3	2	3	2	6	5	4				
8	9	12	8	11	14	12	17	13	10	11	14	9	8	6	8	6	7	8	-	***	11	10	12	7	10				
9	12	11	14	12	10	9	11	15	10	9	8	10	9	10	9	6	7	5	3	6	12	17	16	8	10				
10	5	0	1	1	3	4	6	0	0	3	3	2	2	2	3	3	2	2	0	3	0	2	0	0	2				
11	2	2	0	1	0	3	0	2	0	0	0	2	2	0	0	2	2	0	3	3	4	1	5	4	2				
12	6	7	9	6	9	7	2	2	3	5	3	3	3	1	1	1	2	2	1	2	3	5	6	4	4				
13	3	7	11	14	14	12	27	12	18	14	9	3	***	7	7	4	6	6	4	3	4	5	12	12	9				
14	12	3	6	11	16	16	20	17	19	15	13	9	9	9	6	6	7	5	9	7	5	9	7	7	10				
15	12	11	9	11	16	18	25	***	10	10	11	11	8	9	5	9	7	8	10	12	11	14	9	7	11				
16	7	6	3	2	6	3	7	10	4	7	-	6	2	5	6	9	8	5	8	6	10	7	8	9	6				
17	5	5	1	3	3	6	8	7	7	6	6	5	5	4	8	3	4	6	6	2	5	4	4	6	5				
18	2	3	5	2	5	0	0	5	2	4	2	3	2	0	2	4	0	4	3	6	5	5	0	4	3				
19	2	4	0	0	2	4	6	0	3	2	2	4	0	0	2	2	0	1	2	5	0	3	1	3	2				
20	5	4	4	6	6	6	5	11	18	10	5	2	6	4	3	3	0	0	0	7	0	4	0	5	5				
21	4	3	0	4	5	9	7	9	0	1	3	2	***	2	5	7	6	-	-	-	0	7	4	3	4				
22	0	2	2	0	2	2	4	2	0	0	3	3	3	3	2	4	4	2	5	2	3	5	3	4	3				
23	3	4	0	3	3	3	4	4	3	2	3	4	5	0	1	4	2	2	5	4	3	4	0	0	3				
24	2	2	2	2	4	8	12	9	3	0	3	4	0	3	3	5	3	5	7	4	4	5	4	5	4				
25	3	3	2	3	4	4	4	0	1	3	3	2	4	0	2	1	3	2	7	3	3	2	2	3	3				
26	3	3	3	4	6	6	1	10	6	3	4	5	4	3	2	9	7	10	3	8	2	7	3	6	5				
27	3	2	8	0	1	-	-	11	4	3	8	***	6	3	7	7	4	5	8	8	4	3	6	4	5				
28	2	0	3	2	2	4	5	6	0	7	0	0	4	0	2	4	2	4	7	9	7	4	4	5	3				
29	3	3	2	2	3	4	6	3	2	5	2	4	***	4	4	6	4	6	8	8	8	9	8	6	5				
30	10	5	2	8	4	15	14	7	9	8	4	0	5	5	3	6	1	7	7	15	1	12	9	16	7				
MEAN	5	4	4	5	5	7	9	7	5	5	5	4	4	3	4	4	3	4	4	5	4	5	5	5	4.8				

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 35033					EVANS/ARNOLD AVE. ETOBICOKE										MONTH - OCT 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	18	13	10	10	10	15	12	12	8	6	6	3	5	4	7	9	9	6	3	10	2	10	7	11	9		
2	12	11	8	4	16	13	18	12	14	11	10	8	7	6	2	8	8	13	15	9	10	11	9	15	10		
3	6	5	3	9	4	0	***	5	2	0	3	2	3	3	4	3	4	3	6	9	13	13	11	15	5		
4	6	17	13	10	13	20	18	12	9	2	3	3	***	0	5	2	7	5	9	11	9	11	9	18	9		
5	13	6	14	13	4	10	11	-	8	7	-	6	6	5	4	6	6	4	8	5	2	4	10	5	7		
6	5	5	4	6	3	8	9	8	8	8	6	5	8	***	9	5	5	10	8	3	4	2	1	0	6		
7	0	0	2	0	3	3	7	6	0	0	8	0	***	0	0	0	0	0	0	0	0	0	0	0	1		
8	0	0	0	0	0	0	0	0	0	0	0	0	0	10	9	8	2	8	5	5	6	5	3	6	3		
9	5	4	2	2	1	1	2	2	2	3	3	1	0	0	0	0	2	3	0	2	0	2	2	1	2		
10	0	0	0	0	0	0	0	0	0	2	0	2	0	2	***	4	0	2	2	3	4	2	1	2	1		
11	2	3	3	3	8	4	4	7	10	0	2	2	0	0	0	3	0	0	4	3	0	1	3	0	3		
12	5	7	3	8	7	8	13	5	9	2	7	3	3	3	7	7	4	5	5	3	7	6	9	7	6		
13	5	6	7	4	9	7	12	13	11	8	5	3	5	4	5	3	5	5	5	4	1	3	3	2	6		
14	0	0	0	0	2	3	3	5	5	0	3	0	4	0	3	4	3	5	3	2	0	6	5	0	2		
15	0	5	2	7	4	5	5	0	3	4	4	3	4	5	4	5	7	2	4	-	3	2	3	2	4		
16	2	2	2	0	3	2	0	0	0	2	0	5	2	2	1	1	1	1	2	2	0	1	-	-	1		
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	*****		
18	1	2	2	3	3	5	9	10	6	6	-	4	0	6	3	5	4	3	2	2	2	2	2	3	4		
19	4	4	3	3	4	6	14	6	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	3	*****		
20	4	4	3	4	6	9	10	12	8	7	5	4	5	-	-	10	9	7	7	7	6	4	3	2	6		
21	3	2	1	2	3	3	6	7	6	5	2	4	-	-	9	6	4	4	3	3	3	3	3	-	4		
22	2	3	2	2	3	5	6	9	8	9	3	7	4	7	4	6	4	3	4	1	4	5	4	3	5		
23	2	5	4	8	5	4	4	6	7	7	6	0	3	4	2	5	4	5	10	11	15	17	18	19	7		
24	9	8	5	2	3	3	4	5	3	5	3	5	7	7	7	6	6	7	8	7	5	6	5	-	5		
25	4	4	3	3	4	5	10	10	13	12	6	13	11	10	9	9	5	8	5	5	8	9	12	11	8		
26	13	9	10	5	5	8	8	9	11	10	8	7	***	7	4	5	2	3	4	4	4	7	7	4	7		
27	6	6	5	7	6	6	12	10	15	7	-	5	6	6	5	4	-	3	4	6	7	8	6	8	7		
28	9	9	10	3	4	7	6	6	6	7	6	7	6	6	5	6	5	5	5	4	4	4	4	4	6		
29	3	3	4	3	4	4	7	10	9	8	8	8	12	9	5	9	12	8	5	6	6	6	5	5	7		
30	6	6	7	9	8	8	12	11	13	9	7	9	9	11	7	14	13	14	12	11	9	8	8	8	10		
31	10	10	13	11	10	9	8	9	6	6	***	0	0	0	0	0	3	1	3	3	3	5	8	7	5		
MEAN	5	5	5	5	5	6	8	7	7	5	5	4	4	4	4	5	5	5	5	5	5	5	6	6	5.3		

PERCENTAGE OF DATA VALID - 92.5

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 6.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	3	11	20	22	16	10	5	3	7	7	5	10	10	12	14	12	11	10	11	9
2	15	11	11	16	17	23	36	31	27	17	14	17	10	10	8	8	9	7	5	4	8	6	13	12	14
3	6	8	9	14	9	10	13	18	19	10	10	8	9	3	****	6	8	9	11	14	24	26	24	22	13
4	23	34	28	9	4	7	14	19	30	30	8	9	8	9	-	10	4	3	4	5	4	4	-	4	12
5	3	5	4	5	5	5	8	14	10	10	9	9	7	9	8	10	13	12	8	7	7	6	5	4	8
6	3	3	4	4	3	3	3	3	5	5	9	5	3	3	3	4	5	5	6	6	7	9	7	5	5
7	3	3	4	1	1	2	0	0	2	2	1	3	2	1	0	2	1	0	3	4	3	5	5	2	2
8	2	4	0	0	3	4	5	8	8	8	8	6	5	5	8	10	7	6	7	7	6	3	6	7	6
9	6	3	3	3	4	7	14	21	7	7	6	7	10	****	****	10	9	9	7	11	7	11	16	10	9
10	10	12	12	10	11	9	9	17	12	12	9	6	5	6	8	8	9	8	8	7	7	8	7	9	9
11	7	6	2	3	4	4	9	17	8	8	7	6	6	4	7	6	7	7	6	8	9	8	9	10	7
12	13	12	8	7	13	10	15	18	17	15	11	9	6	7	8	9	8	5	6	5	6	4	4	4	9
13	3	4	4	4	3	3	3	4	3	3	2	4	2	3	2	2	3	4	4	5	4	3	6	2	3
14	2	4	2	2	4	3	4	3	3	4	****	4	3	4	4	4	7	17	17	22	22	23	14	12	8
15	15	15	15	16	13	13	15	24	26	22	13	9	9	9	10	13	12	17	23	13	17	14	12	26	15
16	42	36	18	16	17	14	19	30	31	21	13	9	8	****	10	15	17	14	9	11	11	13	10	10	17
17	12	12	12	19	12	12	12	16	17	11	-	****	9	10	9	11	11	9	5	5	4	7	13	9	11
18	10	8	7	6	6	6	9	14	15	****	12	9	9	9	7	10	8	6	6	3	3	4	5	8	8
19	7	6	8	6	6	6	11	17	18	14	****	3	11	14	7	****	****	****	****	3	7	5	6	2	8
20	3	12	2	2	2	2	2	1	3	3	****	6	****	****	****	****	****	****	****	****	****	****	****	****	****
21	- DATA INVALID -																								
22	0	1	****	0	****	****	****	****	****	****	****	4	3	4	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	4	2	2	0	2	3	****
24	2	1	2	2	2	3	5	5	6	6	6	4	5	6	5	5	12	9	6	5	5	5	5	5	5
25	3	3	3	2	3	3	3	6	10	12	31	15	6	9	10	12	15	6	6	9	9	8	7	9	8
26	9	7	8	9	9	9	10	11	11	10	7	8	7	10	9	9	9	7	4	3	3	7	8	11	8
27	10	5	7	8	5	4	5	3	3	5	5	4	1	0	0	0	0	2	2	0	3	2	2	2	3
28	2	2	2	1	2	2	2	1	2	1	****	0	0	0	0	0	0	0	0	0	0	5	0	0	1
29	2	0	5	0	4	0	4	7	4	4	5	3	4	3	4	4	5	4	2	2	3	2	1	3	3
30	1	2	3	2	3	0	5	5	5	2	3	3	4	****	0	0	****	5	4	4	3	3	3	2	3
MEAN	8	8	7	6	6	6	9	12	12	10	9	6	6	6	6	7	8	7	7	7	7	8	8	8	7.6

PERCENTAGE OF DATA VALID - 87.6

PERCENTAGE OF DATA INVALID - 11.9

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	3	2	2	2	4	7	10	7	-	-	-	-	-	-	****	9	4	6	4	4	6	3	4
2	5	6	3	2	2	3	3	7	8	3	2	3	3	5	3	4	5	5	4	4	4	4	3	3	4
3	3	3	4	4	3	6	11	13	15	15	10	9	7	5	3	5	4	5	4	7	10	13	13	6	7
4	4	3	5	4	5	5	4	4	3	5	11	8	7	7	6	6	7	12	8	9	6	6	5	6	6
5	5	3	3	2	3	2	2	2	3	2	3	3	3	4	3	3	5	6	7	9	8	9	11	12	5
6	10	10	11	13	22	4	3	6	8	5	7	7	9	9	8	9	9	6	7	8	8	4	3	5	8
7	8	8	9	6	5	6	8	5	3	2	5	3	4	1	2	1	4	5	4	3	1	3	2	2	4
8	0	3	4	2	0	3	3	8	9	8	8	7	7	5	7	6	5	6	4	3	3	5	4	2	5
9	3	2	1	2	3	4	4	6	***	***	7	9	12	8	8	9	8	10	4	5	4	5	3	4	6
10	5	5	5	6	7	7	9	9	9	7	5	4	4	***	0	4	3	4	3	4	5	4	2	2	5
11	0	2	2	2	1	1	1	2	3	3	3	3	4	0	1	4	2	5	6	4	3	4	6	5	3
12	6	4	5	8	5	5	5	5	6	6	6	5	5	4	5	4	6	5	4	3	3	0	2	2	5
13	0	0	1	0	1	0	1	4	3	4	4	5	7	-	-	-	-	****	9	6	5	5	6	5	3
14	8	3	5	4	6	4	4	4	7	6	5	6	5	***	8	2	3	3	2	3	2	2	4	5	4
15	4	5	6	4	4	4	4	10	13	11	8	8	7	***	0	10	9	11	13	16	23	24	27	25	11
16	29	12	9	18	18	18	21	19	25	22	20	0	23	20	14	19	17	15	13	12	10	9	7	6	16
17	7	8	6	6	7	8	7	6	7	8	11	-	9	11	7	4	5	7	6	3	4	6	5	4	7
18	2	1	0	0	0	1	0	3	1	3	3	2	2	3	4	3	-	3	3	3	2	1	4	5	2
19	4	4	5	6	4	5	8	7	7	8	9	9	10	12	15	7	-	-	9	16	23	14	15	14	10
20	14	10	14	14	9	8	8	2	13	21	22	14	10	5	4	3	3	3	3	2	3	2	2	0	8
21	2	1	3	2	0	2	2	4	4	3	3	4	0	4	3	3	3	5	3	5	0	4	1	4	3
22	0	2	2	3	2	0	3	1	6	4	5	7	5	4	5	8	5	7	5	4	6	5	5	6	4
23	5	2	3	4	2	4	4	6	8	5	5	6	5	6	6	5	7	4	5	5	3	2	1	3	4
24	1	2	0	3	2	2	4	8	3	4	17	2	1	2	2	4	2	5	4	6	3	6	5	5	4
25	7	5	5	4	7	5	5	4	4	5	3	6	3	4	4	5	5	6	11	9	8	6	5	6	6
26	5	2	0	0	0	1	2	2	3	3	4	3	3	4	3	4	2	5	6	4	1	3	3	0	3
27	2	2	1	0	1	4	3	4	5	5	5	1	2	0	0	4	0	2	6	7	11	9	13	9	4
28	7	7	6	3	4	5	4	7	8	10	7	6	4	7	8	6	13	10	9	10	8	8	14	11	8
29	17	16	16	11	5	5	7	9	8	8	7	5	4	4	3	5	4	4	6	3	4	2	2	2	7
30	1	3	3	3	3	4	5	8	***	***	6	7	4	5	5	5	8	12	8	7	6	7	5	4	5
31	3	3	3	3	4	4	2	3	3	2	3	2	5	5	5	7	3	5	3	5	6	4	4	4	4
MEAN	5	4	5	5	4	4	5	6	7	7	7	5	6	6	5	5	5	6	6	6	6	6	6	5	5.6

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 1.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.7	9	32
FEB	28	4.2	9	21
MAR	29	3.6	8	29
APR	27	4.1	13	25
MAY	30	4.6	10	19
JUN	30	5.7	9	21
JUL	30	4.1	9	18
AUG	31	4.7	10	21
SEP	30	4.8	11	27
OCT	29	5.3	10	20
NOV	26	7.6	17	42
DEC	31	5.6	16	29
YEAR	352	4.9	17	42

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	432	261	35	6	0	1	0	735
FEB	422	203	37	4	1	0	0	667
MAR	512	162	12	9	1	0	0	696
APR	427	191	40	7	4	0	0	669
MAY	389	273	37	5	0	0	0	704
JUN	306	326	60	12	1	0	0	705
JUL	446	219	34	7	0	0	0	706
AUG	408	273	30	12	2	0	0	725
SEP	414	224	51	14	2	0	0	705
OCT	327	292	59	10	0	0	0	688
NOV	232	260	81	29	22	6	1	631
DEC	352	300	42	14	13	0	0	721
YEAR	4667	2984	518	129	46	7	1	8352

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.1	0	0.0	2.1	3.6	5.5	9.4	11.9	15.4	18.0	42	4.9

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	****	6	4	3	4	3	3	4	*****
2	3	2	1	2	0	0	2	2	3	3	3	3	2	2	5	3	5	4	2	3	3	5	8	4	3
3	3	2	2	2	2	2	1	2	4	2	0	0	0	2	0	2	0	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	0	0	2	1	2	1	0	2	0	0	1	1	0	2	3	4	1
5	7	4	5	4	6	6	14	14	20	12	5	4	5	0	4	5	3	3	4	3	4	4	4	3	6
6	2	2	2	3	2	3	3	4	4	4	3	3	4	3	4	3	6	5	5	4	5	4	4	3	4
7	4	4	4	0	0	0	0	0	0	0	1	1	1	0	0	3	8	11	6	9	11	14	18	29	5
8	17	9	24	13	12	9	8	11	17	11	9	7	4	4	4	4	6	4	3	5	3	1	3	1	8
9	2	0	2	2	1	2	4	3	3	2	3	3	3	2	2	4	8	10	9	7	7	6	3	6	4
10	4	3	4	6	3	2	2	4	4	14	3	7	7	5	6	6	7	12	11	8	6	5	8	10	6
11	8	3	2	1	0	2	0	0	2	3	3	2	3	2	4	2	2	2	2	2	3	2	1	1	2
12	3	3	2	2	3	2	3	5	6	6	6	7	6	4	4	2	8	8	7	4	3	4	4	7	4
13	5	5	3	4	4	4	4	4	5	5	6	6	4	4	4	6	9	9	8	7	6	5	0	0	5
14	2	0	0	0	2	0	0	1	2	4	6	2	3	0	4	2	2	2	2	2	3	2	2	1	2
15	1	2	0	0	0	2	2	3	11	8	5	4	5	5	3	5	7	9	9	6	6	5	4	2	4
16	3	2	2	0	3	2	-	****	3	3	3	3	3	2	3	2	2	2	2	1	2	2	2	3	2
17	4	3	4	3	3	3	2	4	3	3	2	2	1	2	3	3	4	9	5	2	2	2	5	6	3
18	5	5	5	3	2	3	5	5	11	12	11	6	5	8	3	3	3	3	3	4	4	5	5	3	5
19	2	3	1	2	2	2	2	3	3	4	5	5	5	4	3	4	7	7	7	8	8	7	8	7	5
20	8	12	9	12	11	8	7	11	5	2	2	2	2	2	4	7	8	4	7	7	4	4	4	3	6
21	3	4	4	5	12	6	7	9	9	5	3	2	1	****	4	2	3	3	1	1	0	2	2	3	4
22	1	0	0	0	0	0	0	2	2	2	0	6	5	5	3	0	2	3	3	2	3	5	3	2	2
23	0	3	2	2	0	1	3	3	6	7	7	7	9	7	5	7	9	9	18	23	31	16	15	13	8
24	12	9	8	6	4	4	5	6	6	6	6	3	8	6	3	3	5	10	4	5	5	7	13	14	7
25	16	14	14	12	13	12	9	7	6	6	6	4	4	12	5	5	3	2	0	0	2	2	8	9	7
26	****	0	0	2	2	3	3	4	-	-	3	12	5	5	4	4	3	3	4	5	6	6	4	6	4
27	5	11	8	10	8	10	6	9	11	13	7	5	4	3	2	3	3	4	2	3	3	3	3	4	6
28	12	14	13	6	5	7	4	4	9	0	2	2	2	5	7	6	3	4	4	5	4	4	5	3	5
29	5	5	4	4	4	2	1	0	1	0	-	1	2	2	****	****	****	****	3	4	4	3	3	4	3
30	2	4	2	3	2	2	2	4	4	-	****	3	4	3	2	3	7	10	10	14	17	17	15	16	7
31	26	20	14	17	21	16	15	12	8	9	12	8	4	3	2	2	2	2	2	3	2	2	2	2	9
MEAN	6	5	5	4	4	4	4	5	6	5	5	4	4	4	3	4	5	5	5	5	5	5	5	5	4.6

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	3	3	2	1	2	1	0	0	0	2	2	2	0	0	4	0	0	0	0	0	1
2	0	0	0	0	0	0	1	0	2	3	2	2	8	2	4	3	2	3	2	2	2	2	1	6	2
3	3	7	5	3	4	2	3	5	3	3	2	3	2	1	2	0	2	2	2	5	4	4	5	6	3
4	4	4	2	4	3	3	3	2	0	0	6	0	1	0	2	0	0	2	2	7	7	7	3	4	3
5	2	2	3	5	11	15	9	5	10	10	7	7	5	4	4	4	5	2	4	2	-	-	****	8	6
6	3	4	3	3	10	3	18	0	1	3	2	3	2	2	3	2	2	0	0	5	0	3	2	2	3
7	2	2	2	2	0	3	5	4	7	7	3	3	7	3	2	2	2	2	2	2	2	3	2	3	3
8	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	1	0
9	1	4	4	2	7	5	8	13	0	8	0	2	****	****	****	0	0	0	2	2	3	0	1	3	3
10	0	4	3	4	9	3	5	6	7	7	5	5	5	7	8	7	7	3	3	4	2	0	0	3	4
11	0	3	3	0	0	0	0	6	5	1	1	2	0	1	0	2	2	0	2	1	5	5	7	7	2
12	8	5	6	5	5	8	4	7	10	8	3	4	5	4	6	6	6	3	3	3	0	4	3	5	5
13	2	3	4	4	4	2	0	0	2	0	6	0	10	6	3	****	****	****	****	****	0	2	0	0	3
14	1	2	0	3	2	1	2	3	2	3	4	3	1	0	2	0	****	1	2	2	13	3	3	2	2
15	1	2	2	4	3	3	9	3	6	10	6	2	3	4	3	2	2	4	3	3	1	3	2	4	4
16	0	1	0	1	2	0	2	4	7	6	0	1	0	2	2	13	4	4	4	2	1	2	2	3	3
17	1	1	0	0	1	2	2	2	2	0	3	2	3	2	3	3	4	4	10	8	8	9	9	4	4
18	3	2	3	4	1	2	3	4	5	4	3	3	4	3	4	3	3	2	4	2	3	0	1	3	3
19	1	0	4	1	0	0	2	3	2	1	2	0	0	0	1	0	0	0	0	1	0	3	2	2	1
20	0	2	0	-	-	-	3	4	5	3	3	3	2	3	2	3	7	6	11	4	3	2	3	3	3
21	3	3	2	2	2	3	2	6	7	4	3	3	2	2	2	2	1	1	0	0	1	0	1	1	2
22	0	0	-	-	-	-	-	0	0	0	1	0	0	0	-	-	5	0	0	0	0	1	1	0	0
23	0	2	2	3	3	1	3	8	10	9	4	2	0	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	-	4	7	4	5	3	4	4	4	4	3	3	4	2	4	10	8	2	7	5	7	5	4	4	5
27	3	3	3	3	0	0	0	0	0	0	3	1	0	0	1	1	3	2	1	0	0	0	2	1	1
28	0	0	2	0	0	2	1	1	2	2	2	0	****	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	0	0	0	0	0	1	2	0	1	1	2	2	10	2	2	2	4	0	0	1
MEAN	2	2	3	2	3	3	4	3	4	4	3	2	3	2	3	3	3	2	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 86.2

PERCENTAGE OF DATA INVALID - 11.8

PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016													ASH ST WATER TANK, SUDBURY												
													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	1	1	3	2	2	2	****	****	0	1	8	0	2	2	2	2	1	0	2	0	0	0	2
2	2	2	2	0	1	2	1	4	2	0	2	2	0	2	2	2	2	0	2	0	1	0	0	0	1
3	1	0	0	0	2	0	0	2	0	0	0	2	0	0	2	0	2	1	1	2	0	2	0	7	1
4	2	2	0	0	0	3	1	1	1	0	3	9	6	2	0	2	0	1	4	1	2	3	0	2	2
5	3	1	2	0	0	2	0	0	1	0	0	3	1	2	3	0	2	2	0	0	1	0	0	0	1
6	0	1	1	2	0	5	0	3	3	2	1	2	4	2	1	2	2	0	1	0	1	2	0	0	1
7	1	0	1	0	5	1	2	4	0	0	2	0	0	1	0	1	1	2	0	0	0	1	2	1	1
8	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	0	2	0	0	0	0	0	0	0	2	3	0	1	0	1	2	0	2	2	0	2	0	1	0	1
10	0	0	0	1	0	1	0	2	1	1	****	0	0	0	0	2	2	2	2	2	2	2	2	3	1
11	2	1	1	0	1	2	2	2	2	3	2	-	-	-	****	0	3	3	6	3	4	2	2	3	2
12	4	4	2	2	1	2	2	2	3	3	12	1	1	-	****	1	2	2	1	2	0	0	0	0	2
13	0	2	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	4	8	12	1
14	5	9	5	3	4	4	5	6	6	2	2	2	1	2	0	0	0	1	1	0	0	0	0	0	2
15	1	0	1	0	0	1	0	0	2	0	0	2	0	1	0	0	0	1	2	4	3	4	4	3	4
16	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	0	1	0	0	0	0	0	0	1
17	0	0	0	0	0	2	0	1	1	1	3	2	2	0	0	0	0	2	3	3	2	2	3	3	1
18	2	3	5	6	5	3	3	3	4	3	2	1	1	2	2	3	3	3	4	4	3	2	3	2	3
19	2	3	2	4	3	4	4	6	6	6	5	4	5	7	8	5	5	4	4	5	5	6	6	5	5
20	6	5	0	5	7	4	3	3	3	3	2	2	2	2	2	2	2	2	2	1	2	0	0	0	3
21	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	-	2	0	2	3	3	1	-	0	0	0	1	2	0	0	0	0	0	1	1	2	2	1
23	2	2	0	2	0	2	1	0	2	2	2	1	0	2	2	2	2	2	2	7	2	0	1	1	2
24	0	2	1	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	2
25	0	2	2	1	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
26	-	11	2	-	-	-	-	-	****	7	3	0	2	2	0	2	2	3	2	5	4	4	3	4	3
27	3	2	2	2	2	2	2	2	3	1	1	2	0	0	-	****	0	0	0	-	1	0	0	0	1
28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	3	5	5	8	4	1
29	0	0	0	0	0	2	2	3	2	2	2	****	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	-	-	****	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	2	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	2	1	2	1	2	2	1.5

PERCENTAGE OF DATA VALID - 93.4

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016													ASH ST WATER TANK, SUDBURY												
													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	****	0	2	1	2	3	2	2	2	1	1	1	0	0	1	1
2	0	0	1	0	3	2	3	1	0	10	0	0	0	2	-	***	0	0	0	0	0	1	2	0	1
3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	1	0	2	0	***	1	2	1	0	0	0	0	0	1	-	-	-	4	1
6	0	0	0	0	0	0	0	0	0	-	***	0	0	0	0	0	0	0	0	0	0	1	0	1	0
7	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	-	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1	0
9	2	2	3	4	5	7	6	4	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
10	2	0	0	0	0	0	1	1	2	2	1	2	2	2	2	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12	0	1	0	0	0	0	0	1	2	0	0	2	0	0	1	0	0	0	0	1	0	0	0	0	0
13	0	1	1	1	0	***	***	***	-	-	-	***	1	0	0	0	1	0	2	2	2	2	1	1	1
14	1	2	2	2	4	3	3	7	4	4	1	1	1	5	3	2	2	2	3	3	3	2	2	3	3
15	3	3	3	4	4	6	6	4	2	2	0	0	1	1	1	0	0	0	1	2	0	2	0	1	2
16	2	2	3	2	0	0	1	0	1	1	3	2	2	2	2	2	1	1	2	3	3	1	2	2	2
17	0	0	0	0	0	0	0	0	2	3	3	2	2	2	3	-	0	2	2	2	2	2	2	2	1
18	2	2	2	1	3	4	4	6	2	2	5	2	2	1	1	1	1	1	0	2	1	1	1	2	2
19	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	***	***	***	***	***	***	***	0	0	14	0	0	0	0	2	2	2	1	2	-	1	3	2
21	3	0	0	0	2	2	2	2	-	2	2	2	2	2	2	3	5	4	5	6	3	5	5	4	3
22	5	4	4	3	3	3	3	3	4	3	2	2	2	2	2	2	2	1	0	0	0	2	0	0	2
23	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	2	2	1	2	2	1
24	2	3	2	3	2	3	3	2	2	1	1	0	2	0	0	1	0	0	0	0	2	2	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	1	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
28	0	0	0	0	0	2	0	0	1	0	0	0	1	0	-	-	-	-	-	-	-	-	-	-	****
29	-	***	0	2	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	2	1
30	3	3	3	2	4	2	5	5	0	3	0	0	0	1	1	1	1	2	1	0	3	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 94.2

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	3	0	3	3	5	4	3	3	2	2	2	1	0	1	0	3	2	2	2	2	2
2	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	****	****	****	4	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****
4	0	0	0	0	0	1	2	2	2	0	0	1	1	1	0	0	1	0	2	2	2	2	2	2	1
5	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	2	0	0	0	0	0	0	2
6	0	0	0	1	1	2	2	3	2	0	1	0	0	0	0	0	0	0	0	2	0	2	2	3	1
7	2	0	0	0	2	0	2	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1
8	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	1	0	2	1	2	1
9	1	0	1	1	2	2	2	2	1	1	0	1	0	1	0	0	0	1	1	0	0	1	0	0	1
10	1	7	0	0	0	5	4	2	0	2	2	2	2	2	2	2	2	2	0	0	1	0	2	0	1
11	0	2	2	4	0	0	0	0	0	0	1	-	****	-	-	****	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0
13	0	1	2	2	2	2	4	3	2	1	1	0	0	0	0	0	1	1	2	3	3	3	4	4	2
14	4	3	4	2	3	3	6	7	4	0	2	5	5	3	0	4	3	2	2	2	2	0	1	1	3
15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0	3	3	5	2	7
16	10	4	3	4	2	2	3	2	1	2	2	1	0	3	2	2	0	2	2	2	2	2	1	2	2
17	0	0	0	0	0	0	0	0	0	0	0	0	2	0	****	2	3	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	-	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	2	0	0	2	0	2	0
20	0	0	0	0	1	0	0	2	1	0	0	2	2	0	0	0	0	0	2	2	3	3	1	0	1
21	0	0	2	0	1	0	0	0	0	1	0	2	0	2	0	0	0	0	2	0	1	0	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	5	0	3	0	2	1
23	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	2	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	2	1	0	0	0	1	0	0
25	0	2	0	1	0	1	0	2	0	0	0	0	0	-	0	0	0	1	0	2	2	2	2	2	1
26	2	2	2	1	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	2	1	3	3	2	0	0	0	0	0	0	0	0	0	1	3	2	3	2	0	0	1
28	2	0	2	4	4	8	5	3	2	1	0	2	2	3	2	2	2	0	3	2	4	5	7	4	3
29	3	3	2	2	2	2	4	4	3	5	3	2	3	3	3	2	2	3	3	3	3	3	3	3	3
30	4	7	4	4	6	6	6	5	4	3	3	2	3	2	1	3	2	2	2	2	2	3	3	3	3
31	4	3	2	2	2	3	4	4	2	2	13	5	2	2	2	2	2	1	0	2	2	0	0	0	3
MEAN	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0
2	2	0	0	0	1	3	0	1	2	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1
3	1	2	0	2	2	0	2	0	3	2	0	0	0	0	0	0	0	0	0	0	3	2	2	3	1
4	3	3	2	0	2	5	2	3	4	2	0	1	1	0	0	0	0	0	0	0	2	0	2	2	1
5	3	1	2	2	2	4	2	1	1	0	0	0	0	0	0	0	0	0	0	1	2	0	1	2	1
6	0	0	1	2	0	0	0	2	2	2	2	1	0	0	3	0	0	0	0	1	2	2	2	0	1
7	0	0	0	3	2	2	2	1	****	****	2	2	2	2	2	2	2	2	2	2	3	2	1	2	2
8	2	0	2	4	3	4	0	4	2	2	0	0	0	0	1	0	0	0	0	2	2	0	2	0	1
9	1	2	3	4	2	0	0	0	1	0	2	1	2	2	1	2	0	0	0	0	1	2	1	3	1
10	****	2	2	2	2	5	3	4	3	5	0	0	0	2	4	3	3	2	3	3	3	2	3	3	3
11	4	4	4	4	4	7	4	5	2	0	0	0	3	3	-	-	-	****	0	2	0	2	1	0	2
12	0	0	0	0	0	0	4	0	0	2	4	2	0	0	0	2	0	2	0	2	0	2	2	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	4	3	3	3	4	5	3	1	
14	3	3	2	2	3	4	6	4	5	6	4	5	3	1	2	0	0	0	0	0	1	3	2	0	2
15	0	0	0	0	2	2	4	3	****	5	2	1	1	2	4	3	3	4	5	2	1	0	2	2	2
16	1	1	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0
18	0	0	0	0	2	2	2	2	0	0	1	2	1	0	1	2	2	2	2	3	4	3	3	0	1
19	4	4	2	2	1	1	1	1	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
20	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0
21	0	0	0	0	1	5	7	5	5	4	2	2	2	****	2	2	2	0	1	3	4	0	0	2	2
22	1	1	2	2	2	1	3	4	3	3	2	1	2	2	****	0	0	0	0	0	1	2	2	-	2
23	3	4	6	2	4	3	3	0	-	3	2	2	3	3	2	3	2	0	0	1	2	3	4	3	3
24	6	6	5	6	6	3	****	5	3	2	2	2	3	3	4	2	2	3	2	2	2	2	4	3	3
25	4	3	3	3	0	1	-	3	4	2	3	3	3	3	2	2	1	0	0	0	0	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
29	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	0	0
30	1	3	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2	2	0	0	1
MEAN	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1.2

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - JUL 76												
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	0	0	0	1	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	0	2	0	0
3	0	0	2	0	2	3	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	1	1	1	2	0	0	0	2	0	0	2	0	1	0	1	2	0	1
6	0	0	0	0	1	2	6	5	5	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1
7	0	0	2	0	0	0	0	2	3	6	0	0	0	1	0	0	0	0	1	2	1	1	0	0	1
8	0	0	0	2	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	1	-	0
9	0	3	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	2	0	0	0	0	0	0	1	0	1	0	0	4	2	3	2	-	1	2	1
11	3	****	3	2	0	1	18	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	3	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	-	-	-	-	-	-	-	-	-	-	-	-	****	6	0	0	0	0	0	0	0	2	0	0	****
14	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****
15	0	0	0	0	0	0	0	-	2	-	-	2	2	2	0	0	0	0	0	****	0	0	0	0	0
16	1	0	0	0	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	1	1	3	2	2	0	0	0	0	2	2	2	0	2	0	1	2	2	2	1	1
20	2	2	2	2	3	2	0	0	0	0	1	2	3	4	0	0	0	2	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	2	2	0	1	1	0
22	0	1	2	0	2	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1
23	2	0	0	0	2	2	4	-	-	****	0	-	-	3	2	2	2	2	1	0	2	2	2	0	1
24	0	0	2	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
25	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	0	0	0	0	0	1	0	0	0	1
27	0	0	-	-	-	-	-	-	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	****	1	0	0	-	****	0	0	0	0	0	0	2	1	1	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
30	2	0	0	1	1	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
31	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	1	2	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0.5

PERCENTAGE OF DATA VALID - 93.5      PERCENTAGE OF DATA INVALID - 2.3      PERCENTAGE OF DATA UNAVAILABLE - 4.2

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
4	0	0	0	1	0	0	0	1	0	0	0	****	1	0	0	2	0	0	0	1	1	1	2	2	1
5	3	2	2	2	2	1	1	0	-	5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
8	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0
9	2	2	0	2	0	0	1	1	2	1	0	0	2	0	0	0	0	0	0	2	0	0	0	0	1
10	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
11	2	0	1	1	2	2	2	0	0	1	0	0	0	2	2	2	0	1	2	2	3	3	2	2	1
12	2	3	2	2	2	3	3	3	3	3	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1
13	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	-	3	0	-	4	0
17	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
18	3	2	2	1	0	2	4	4	6	4	2	0	0	0	0	****	0	0	0	0	0	0	0	0	1
19	1	2	2	0	0	1	2	2	2	2	1	0	0	0	2	3	3	2	2	2	2	2	2	2	2
20	2	2	****	2	3	3	4	4	3	4	3	1	0	1	3	2	0	2	3	2	2	2	2	3	2
21	3	2	2	3	3	3	4	4	3	1	0	2	3	3	0	2	3	0	2	3	2	3	3	3	2
22	3	3	3	3	3	3	2	0	0	0	0	1	3	3	0	2	0	-	4	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0
24	0	2	0	0	0	1	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	****	****	4	2	2	2	2	0	1	0	0	2	0	0	0	0	0	0	0	2	1
26	1	1	2	0	2	3	4	4	3	0	0	0	2	3	0	2	3	2	0	0	2	2	2	1	2
27	1	2	2	1	1	2	****	****	3	0	0	0	2	2	1	0	0	2	2	2	3	3	2	2	2
28	1	1	1	0	0	0	2	0	1	2	2	0	0	0	0	2	2	1	0	0	0	0	0	0	1
29	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	1	0	0	1	0	0	0	****	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0
31	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	2	2	3	2	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0	0	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.4      PERCENTAGE OF DATA INVALID - 1.1      PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016													ASH ST WATER TANK, SUDBURY												
													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
2	0	2	4	2	0	1	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1
3	1	1	2	2	0	2	2	3	1	2	****	0	1	2	2	2	3	3	3	2	3	2	1	1	2
4	1	3	4	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
5	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	2	****	0	0	0	0	0	0	0	0	1	2	2	2	2	0	1	1	1
7	2	0	0	0	0	4	6	3	2	3	3	2	2	2	1	0	0	2	2	2	3	3	5	2	2
8	5	4	7	6	7	6	6	9	11	6	5	4	3	0	0	2	3	2	-	****	3	3	4	4	5
9	4	4	4	4	3	5	10	8	8	4	3	2	3	4	2	1	2	0	0	0	0	2	0	0	3
10	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	1	2	2	3	2	9	3	1	1
12	0	1	3	4	2	2	8	2	1	2	5	2	2	1	0	0	1	2	2	2	2	4	3	2	2
13	3	4	3	2	2	1	3	3	2	1	0	4	3	3	0	0	2	2	3	4	4	5	5	5	3
14	4	3	2	2	3	4	5	4	5	5	4	3	1	0	2	4	4	5	5	1	0	0	0	4	3
15	0	0	0	0	2	0	0	0	1	0	2	1	0	0	0	0	0	0	2	1	0	0	0	0	0
16	0	0	1	0	1	1	0	2	3	0	-	1	0	0	0	0	0	0	3	3	2	2	4	1	1
17	2	2	3	****	****	2	2	2	4	0	****	2	2	0	0	0	0	0	0	2	4	4	3	1	2
18	1	1	0	2	3	2	4	2	2	1	0	0	0	1	2	0	0	2	2	0	0	0	0	2	1
19	2	3	3	1	1	0	1	2	0	0	0	0	0	2	2	2	3	0	0	0	0	0	0	0	1
20	1	1	0	0	0	1	2	0	0	2	0	0	2	2	0	0	0	0	0	1	2	5	4	5	1
21	6	6	6	4	4	4	7	6	6	5	2	0	0	0	0	0	2	-	-	-	0	0	0	0	3
22	2	4	0	2	0	2	0	1	0	3	0	0	0	2	1	0	1	0	0	0	3	0	0	0	1
23	0	3	2	2	2	3	2	7	3	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1
24	1	0	2	0	0	0	0	3	2	0	0	0	0	0	2	0	0	0	2	0	0	2	0	2	1
25	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	2	3	6	4	4	5	7	1
26	9	4	2	4	3	3	2	3	0	2	2	0	2	2	0	0	****	****	0	1	0	2	1	0	2
27	0	2	0	0	2	-	-	0	2	0	0	2	0	0	2	0	0	3	0	2	1	0	0	1	1
28	0	0	2	1	0	0	2	3	5	0	2	0	0	0	0	0	1	2	1	0	0	2	0	0	1
29	1	2	0	0	3	0	0	3	2	3	2	0	1	2	0	1	0	1	0	0	3	0	0	2	1
30	1	2	3	0	2	1	6	7	3	3	0	0	0	0	0	0	0	0	6	2	2	1	2	3	2
MEAN	2	2	2	2	1	2	3	3	2	1	1	1	1	1	1	0	1	1	1	1	1	2	1	2	1.4

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016													ASH ST WATER TANK, SUDBURY												
													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	5	4	5	10	9	7	5	****	3	3	3	3	3	2	3	5	6	4	5	4	4	5	4
2	5	8	9	11	9	5	6	5	3	5	7	4	3	3	3	3	2	2	3	3	4	2	2	0	4
3	0	2	0	0	2	0	2	3	0	2	0	0	0	0	0	0	0	0	2	1	2	6	0	0	1
4	0	1	2	2	3	4	6	8	5	3	2	2	0	2	1	2	4	3	4	3	5	4	2	5	3
5	3	2	3	3	3	3	5	-	5	4	-	3	3	4	3	4	4	3	4	4	3	4	3	2	3
6	1	0	0	0	0	0	0	2	0	2	0	0	2	0	2	0	2	0	2	0	1	0	0	0	1
7	0	0	0	0	0	0	0	0	****	****	0	0	1	0	1	0	0	3	2	3	0	2	0	1	1
8	0	0	2	0	1	1	1	3	0	3	****	1	0	2	0	1	2	0	3	6	10	6	5	3	2
9	3	2	3	1	2	2	3	2	0	0	2	2	0	0	0	2	0	1	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
11	0	2	1	4	5	9	6	6	6	2	0	3	0	0	2	1	0	0	2	3	3	4	3	3	3
12	1	0	2	3	1	2	6	4	3	4	5	3	3	3	3	3	3	3	3	4	4	5	6	3	3
13	5	5	5	4	5	5	4	7	7	4	3	0	1	0	0	2	0	2	0	0	1	0	0	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	****	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
20	0	0	0	-	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
22	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	-	6	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	4	3	3	3	3	3	6	3	3	6	5	4	2	2
30	3	4	4	3	3	2	3	3	3	4	3	4	5	3	3	4	3	3	2	1	0	0	0	0	3
31	1	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1.2

PERCENTAGE OF DATA VALID - 92.5

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77016

ASH ST WATER TANK. SUDBURY

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	2	0	2	0	0	0	0	2	0	0	0	0	2	5	7	9	9	9	11	2
2	12	5	6	5	7	4	4	6	5	4	3	****	3	2	2	3	3	3	3	2	1	3	5	2	4
3	2	2	2	3	3	4	3	8	4	4	3	1	0	2	2	3	4	4	3	3	3	2	2	2	3
4	3	2	1	2	0	1	1	3	3	2	2	1	1	2	-	1	2	0	2	2	0	2	-	3	2
5	2	0	2	0	0	0	0	1	1	0	0	0	-	0	2	1	2	1	2	0	0	0	0	0	1
6	1	0	0	0	1	3	0	2	0	2	4	2	1	2	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	3	2	3	1
9	2	2	0	0	0	0	1	3	2	5	3	2	2	2	1	3	4	3	4	3	2	2	3	1	2
10	1	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1
11	1	0	0	0	0	2	2	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
12	0	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
13	0	2	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	0
14	2	0	2	0	0	0	2	0	0	2	0	0	0	0	1	0	1	0	2	1	0	2	1	0	1
15	0	1	1	0	1	2	2	3	4	****	2	****	2	****	2	2	2	2	****	2	0	0	0	0	1
16	0	0	0	0	0	0	1	1	1	1	2	2	1	2	1	2	2	0	1	1	3	2	2	2	1
17	2	2	1	2	2	2	3	5	5	3	-	****	3	3	2	3	3	3	3	3	3	3	2	2	3
18	2	1	1	1	1	1	1	1	0	0	0	1	0	0	1	2	2	2	2	0	0	0	0	0	1
19	2	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	0	2	0	0	0	3	1
25	1	0	3	0	1	5	5	2	3	2	2	0	0	2	0	0	2	0	2	2	2	2	2	2	2
26	3	1	1	2	2	3	4	6	7	8	8	0	11	3	6	4	3	0	2	0	2	2	2	2	3
27	3	2	0	2	3	0	1	2	2	1	2	0	2	0	0	8	0	0	0	2	0	1	0	0	1
28	1	0	0	1	0	2	2	3	4	0	0	0	2	0	0	0	0	2	0	0	0	0	0	3	1
29	0	0	0	0	2	2	0	3	4	4	2	6	3	0	0	1	2	2	2	2	2	3	8	4	2
30	6	11	8	8	4	2	3	6	3	****	2	2	0	1	0	0	2	4	6	3	0	4	3	2	3
MEAN	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1.2

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77016

ASH ST WATER TANK. SUDBURY

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	1	2	1	2	2	-	-	-	-	-	-	****	2	1	0	0	0	0	1	1	
2	0	0	0	0	0	2	0	2	2	6	2	2	0	3	0	2	10	3	1	2	1	4	0	2	2	
3	0	2	2	0	0	0	3	3	8	9	3	0	2	3	3	3	5	5	***	3	4	6	6	5	3	
4	2	1	0	2	0	0	0	0	2	0	2	1	2	2	3	2	3	2	2	2	3	2	2	2	2	
5	0	3	3	3	4	4	2	0	2	3	0	0	0	0	0	0	2	0	2	2	1	6	14	12	12	
6	11	7	0	3	2	0	2	4	2	2	3	***	4	4	4	3	5	6	5	3	4	6	4	3	4	
7	3	3	2	***	0	0	0	0	0	0	0	2	2	0	0	2	0	2	2	2	1	2	2	7	1	
8	***	4	4	2	4	3	2	5	7	2	8	7	6	10	9	6	7	5	3	0	1	0	0	0	4	
9	0	0	0	2	0	2	3	4	9	18	9	7	3	4	4	4	4	5	2	0	1	2	2	0	4	
10	2	0	0	2	2	2	2	4	4	6	2	0	0	0	0	1	2	3	2	0	0	0	0	0	1	
11	0	0	0	0	0	0	0	0	2	2	2	3	3	3	3	0	0	0	1	0	0	1	2	1	1	
12	0	2	0	0	***	0	0	0	0	3	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	1	2	0	6	3	2	2	-	-	-	-	***	5	4	5	3	2	3	2	
14	9	2	4	2	2	0	2	2	1	0	2	2	0	2	2	2	1	0	0	0	2	1	1	3	2	
15	0	0	2	0	0	0	0	0	2	3	8	0	4	1	1	4	6	6	3	2	2	3	3	3	2	
16	3	3	2	2	2	0	1	2	4	4	5	5	1	5	3	3	5	7	5	7	5	6	5	4	4	
17	6	3	6	5	5	3	5	9	3	4	***	-	4	9	2	2	0	0	1	0	0	0	0	0	3	
18	1	0	0	3	0	0	2	4	0	2	3	2	2	4	3	2	-	3	4	5	3	2	2	2	2	
19	3	2	1	2	1	0	1	2	3	3	5	4	4	4	6	2	-	-	3	0	1	2	2	2	2	
20	2	0	0	0	0	0	1	0	2	0	1	0	***	***	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	2	1	1	0	0	1	0	1	0	0	***	1	2	3	2	3	5	3	2	1	1	1	
23	1	0	1	0	0	0	0	0	1	1	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	***	0	2	0	1	1	2	0	0	0	0	0	2	1	0	0	
25	2	0	0	0	0	1	1	0	0	0	1	2	0	1	1	0	0	0	0	3	***	2	2	0	1	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	3	***	***	***	2	2	1	2	0	1	
28	0	0	0	0	0	0	0	1	1	2	0	2	2	0	0	1	0	0	0	0	0	0	0	2	0	
29	1	0	0	0	2	0	0	0	2	0	0	6	1	0	0	1	2	0	0	0	0	0	1	0	1	
30	0	0	0	0	0	0	2	0	***	***	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
MEAN	2	1	1	1	1	1	1	1	2	3	2	2	1	2	2	2	2	2	2	2	1	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	4.6	9	31
FEB	25	2.7	6	18
MAR	30	1.5	5	12
APR	29	0.9	3	14
MAY	29	1.2	3	13
JUN	30	1.2	3	7
JUL	29	0.5	1	18
AUG	31	0.7	2	6
SEP	30	1.4	5	11
OCT	29	1.2	4	11
NOV	30	1.2	4	12
DEC	31	1.6	4	18
YEAR	353	1.6	9	31

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	458	192	46	13	5	1	0	715
FEB	494	99	6	1	0	0	0	600
MAR	650	42	3	0	0	0	0	695
APR	658	19	1	0	0	0	0	678
MAY	678	22	1	0	0	0	0	701
JUN	680	24	0	0	0	0	0	704
JUL	689	6	0	1	0	0	0	696
AUG	730	2	0	0	0	0	0	732
SEP	660	44	1	0	0	0	0	705
OCT	633	54	1	0	0	0	0	688
NOV	674	31	4	0	0	0	0	709
DEC	646	60	4	1	0	0	0	711
YEAR	7650	595	67	16	5	1	0	8334

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
94.9	0	0.0	0.0	0.1	1.6	3.6	5.3	7.9	10.3	31	1.6

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	****	4	4	3	3	2	3	2	*****
2	2	0	0	0	3	2	1	2	0	0	2	0	2	0	0	0	2	0	0	3	1	2	1	1	1
3	2	2	1	1	2	2	1	3	2	3	3	0	3	3	2	0	0	2	0	2	2	2	2	2	2
4	0	0	0	0	0	0	2	0	2	3	1	2	1	3	2	3	4	3	2	3	8	13	13	9	3
5	7	7	7	7	6	8	7	33	14	0	3	2	0	4	1	2	3	2	3	3	4	3	3	2	5
6	1	2	2	5	3	3	3	4	5	3	5	4	7	4	4	5	5	***	5	4	5	6	5	5	4
7	3	4	3	0	0	0	0	2	0	1	0	2	0	0	2	3	5	12	17	7	12	10	11	14	5
8	12	10	9	9	7	5	2	2	3	4	3	2	2	4	4	2	8	5	5	6	8	5	5	3	5
9	2	3	4	2	3	4	5	6	3	***	4	0	3	3	3	8	6	8	***	13	13	16	14	15	6
10	11	19	14	10	7	4	7	7	11	10	6	6	4	4	6	8	4	6	7	9	15	6	3	2	8
11	***	3	0	0	0	0	0	0	0	2	0	2	2	2	0	2	1	1	0	1	0	0	1	1	1
12	0	0	0	0	0	0	0	3	7	5	6	0	2	2	3	5	***	1	0	3	2	2	4	3	2
13	2	3	4	4	3	3	4	5	4	6	6	4	6	2	3	3	2	10	5	8	4	4	2	0	4
14	0	0	1	2	2	2	4	5	7	3	4	3	0	3	4	8	2	1	2	2	4	2	0	1	3
15	1	2	0	1	0	2	4	11	12	6	3	4	4	4	2	4	7	7	5	2	0	3	1	0	4
16	2	***	2	2	0	1	-	***	1	2	2	2	2	2	1	2	2	2	2	3	3	2	3	2	2
17	4	3	3	3	3	3	3	4	10	3	2	1	2	2	4	3	3	7	9	6	6	5	5	9	4
18	7	8	9	***	9	9	9	9	***	12	11	4	5	9	5	3	1	5	1	2	0	2	0	3	6
19	2	3	2	3	2	2	3	3	4	3	4	4	10	4	10	5	7	4	4	4	5	4	4	5	4
20	5	7	7	6	8	9	11	11	7	2	3	2	4	3	3	5	8	6	13	10	5	4	3	3	6
21	3	0	0	0	1	0	3	4	6	3	3	2	2	0	2	2	2	2	3	2	2	1	2	***	2
22	0	2	2	0	***	0	0	2	6	0	2	2	0	1	0	3	3	3	6	3	6	5	5	3	2
23	2	4	3	3	1	2	3	3	4	2	1	2	-	-	-	-	-	-	-	-	-	***	***	***	***
24	15	9	4	2	0	2	2	2	2	2	2	3	2	2	3	4	6	6	4	4	11	25	10	15	6
25	11	11	7	7	9	8	4	2	2	3	4	3	4	11	4	1	0	3	0	2	0	0	4	0	4
26	***	0	3	2	2	2	1	3	-	3	4	5	4	3	4	4	2	2	3	9	7	14	9	12	5
27	11	9	8	7	3	3	4	10	11	8	9	4	3	3	5	5	4	5	9	5	6	6	6	7	6
28	8	6	3	4	3	5	4	4	6	3	1	6	2	2	3	4	3	3	0	2	3	6	4	4	4
29	3	4	4	5	4	3	1	2	0	1	-	0	0	1	1	2	3	3	4	3	3	3	4	2	2
30	0	0	0	2	2	0	0	3	1	-	***	2	2	0	2	2	2	9	7	8	8	6	8	8	3
31	8	10	10	10	9	9	9	5	3	3	2	3	2	0	2	3	3	2	2	1	3	2	2	2	4
MEAN	4	5	4	3	3	3	3	5	5	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	3.9

PERCENTAGE OF DATA VALID - 93.7      PERCENTAGE OF DATA INVALID - 2.3      PERCENTAGE OF DATA UNAVAILABLE - 4.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON														MONTH - FEB 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	3	1	2	2	1	0	2	2	0	1	1	0	0	2	1	0	0	0	0	0	1	1	1
2	0	0	0	0	0	0	1	2	3	7	0	2	4	2	2	2	2	***	4	3	4	3	3	1	2
3	4	3	3	2	3	3	0	2	2	2	1	0	2	1	0	2	3	1	3	3	2	2	3	2	2
4	2	3	3	3	3	2	2	0	0	1	-	0	0	1	0	2	0	3	9	10	9	9	6	7	3
5	4	5	4	4	3	5	4	6	8	9	3	1	2	2	2	2	2	4	13	9	-	***	4	5	
6	5	5	4	2	3	-	-	-	-	-	3	1	3	1	2	0	-	-	-	-	-	-	3	0	***
7	3	5	5	3	2	0	3	3	5	4	2	2	2	3	2	1	0	0	0	0	2	2	2	2	2
8	6	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	2	4	0	***	3	1
9	4	3	4	3	4	5	-	-	-	-	-	-	-	***	0	2	0	0	0	2	1	1	2	1	2
10	1	2	4	4	3	3	5	3	5	5	3	4	5	5	3	4	3	4	3	1	***	0	0	0	3
11	1	0	0	0	0	0	2	6	6	1	0	2	0	2	0	0	1	0	2	3	5	5	6	5	2
12	5	5	6	6	5	4	2	2	0	0	4	0	0	0	0	0	1	3	3	3	2	0	2	2	2
13	2	2	2	2	1	2	0	0	0	0	0	0	2	3	2	***	***	***	***	***	2	2	3	2	1
14	3	6	4	3	1	2	4	4	5	5	4	3	2	3	3	4	***	5	0	2	0	1	0	0	3
15	0	1	0	1	0	0	2	2	3	1	0	0	0	3	2	3	8	2	13	4	2	0	1	2	2
16	2	1	2	1	1	1	5	9	13	0	***	2	0	2	0	3	2	0	0	0	0	0	1	0	2
17	0	0	0	0	0	0	1	0	2	0	0	3	2	2	2	2	3	3	5	8	8	7	10	9	3
18	10	6	2	1	0	0	0	0	2	1	1	3	2	2	2	1	1	1	2	1	2	2	0	1	0
19	0	2	0	0	1	2	2	3	3	2	2	0	1	0	0	1	2	2	0	2	0	0	0	0	1
20	0	1	0	-	-	-	***	5	5	0	0	0	2	4	4	1	2	3	7	4	0	0	0	2	2
21	0	1	0	0	1	0	1	3	3	3	1	2	1	0	0	1	0	0	0	0	0	0	0	0	1
22	0	0	-	-	-	-	-	6	0	0	0	0	0	0	-	-	0	1	1	1	2	1	1	3	1
23	0	3	4	4	3	0	4	6	12	6	11	2	1	4	2	1	0	0	0	0	2	5	1	2	3
24	2	1	1	2	2	2	2	12	2	2	2	3	3	3	2	3	2	1	2	3	3	2	3	4	3
25	3	2	2	2	1	3	2	4	3	3	3	4	4	6	5	5	-	6	5	10	11	6	12	11	5
26	-	4	4	3	3	3	3	2	3	2	***	***	***	5	6	3	***	7	7	10	7	9	5	4	5
27	3	2	2	3	1	0	0	0	2	0	0	1	1	2	0	***	2	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	2	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	***	***
29																									
MEAN	2	2	2	2	2	2	2	3	3	2	2	1	2	2	2	2	2	2	3	3	3	2	3	2	2.2

PERCENTAGE OF DATA VALID - 87.4      PERCENTAGE OF DATA INVALID - 2.6      PERCENTAGE OF DATA UNAVAILABLE - 10.1

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - MAR 76																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	1	0	2	2	0	2	4	1	1	2	1	2	0	0	0	1	1	1	1	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	-	0
3	0	0	0	0	0	0	0	0	3	1	1	0	3	3	2	0	2	0	0	0	0	0	0	2	1
4	3	2	3	3	3	3	3	7	10	3	0	0	2	2	1	3	2	0	0	0	0	0	0	0	2
5	0	0	0	0	****	0	0	2	1	1	1	****	1	0	2	0	0	0	0	0	0	0	1	-	0
6	2	3	4	3	2	3	3	3	3	4	3	2	2	6	2	1	1	0	2	2	2	2	1	3	2
7	0	-	-	2	1	0	2	0	1	0	1	0	2	2	0	0	-	-	-	-	-	-	0	3	1
8	3	3	3	2	3	2	6	13	10	6	4	0	2	1	2	****	0	2	2	1	0	****	2	3	3
9	3	4	-	4	1	0	0	4	2	0	2	2	2	1	2	0	0	0	2	5	2	2	8	5	2
10	0	3	9	-	-	-	0	-	****	0	13	1	1	3	0	2	****	1	0	2	0	0	2	2	2
11	1	1	0	2	2	4	3	6	3	4	0	-	-	-	****	2	3	2	3	2	4	2	2	2	2
12	3	2	2	0	0	0	1	0	2	0	2	0	0	0	-	****	0	0	0	0	1	0	1	0	1
13	0	0	1	1	1	1	1	1	0	2	0	0	0	0	0	1	1	2	3	3	8	10	5	6	2
14	6	9	9	8	2	1	2	2	2	3	2	1	1	0	1	1	0	2	0	2	1	0	0	0	2
15	2	0	1	0	0	0	0	0	2	0	2	1	2	0	2	3	2	2	2	3	6	5	8	3	2
16	0	2	1	0	2	1	2	0	0	0	0	0	0	0	0	1	2	0	0	2	1	0	1	0	1
17	0	1	1	0	0	1	0	2	2	2	0	0	1	2	2	2	3	2	5	3	3	6	7	3	2
18	6	8	5	5	4	2	3	2	2	2	2	1	0	0	2	1	2	2	3	3	2	2	1	2	3
19	0	3	2	2	3	4	3	4	3	3	7	4	5	7	8	8	4	4	4	4	5	4	8	3	4
20	5	4	11	5	4	6	3	2	2	3	3	3	5	3	3	3	2	2	3	2	3	2	2	0	3
21	0	1	2	1	2	3	2	0	0	2	0	0	0	0	0	0	0	1	0	0	0	1	2	1	1
22	0	0	-	3	2	2	3	2	0	-	****	0	0	0	2	2	1	0	0	0	1	2	2	0	1
23	1	0	1	0	0	0	2	****	4	2	1	3	1	2	2	2	2	3	4	0	2	1	2	2	2
24	2	2	2	2	2	3	3	3	3	4	3	3	3	3	3	3	4	2	4	3	2	3	3	3	3
25	3	2	1	2	2	5	2	1	1	1	1	0	0	2	2	0	2	2	2	0	0	2	2	4	2
26	-	****	2	-	-	-	-	-	****	0	0	0	0	0	2	2	0	0	0	0	2	3	5	4	1
27	5	3	3	2	3	2	2	3	2	1	3	3	2	2	-	6	0	0	0	-	****	0	1	0	2
28	0	0	0	0	0	0	0	1	0	0	1	2	2	2	2	1	0	0	0	4	5	5	6	2	1
29	2	2	0	0	0	0	0	0	2	0	0	3	0	1	1	0	0	2	3	0	2	0	0	0	1
30	0	0	0	0	0	****	0	****	0	0	1	0	2	0	1	8	2	1	0	1	3	2	2	3	1
31	1	1	1	1	0	0	3	1	0	7	0	-	-	****	0	0	2	0	0	0	2	2	2	2	1
MEAN	2	2	2	2	1	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	2	2	2	2	1.

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 4.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - APR 76																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	0	0	0	3	2	2	1	1	0	2	1	0	0	0	0	0	0	0	1	1
2	0	0	0	0	0	1	5	5	2	1	2	0	0	0	-	****	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	****	1	1	1	2	1	1	0	3	2	3	-	-	0	
6	0	0	2	2	0	0	1	1	-	****	0	0	0	3	0	0	0	0	0	0	0	0	2	1	
7	0	2	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	2	0	0	0	0	0	-	0	0	2	2	8	8	8	13	13	6	3	2	1	2	0	
9	2	0	2	3	5	4	3	2	****	0	0	0	0	0	0	3	1	1	3	2	0	2	0	2	
10	0	2	2	0	2	1	2	0	2	4	3	2	4	3	3	2	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	
12	0	0	1	1	0	2	4	3	2	****	0	****	2	0	2	0	0	0	0	0	1	3	2	2	
13	2	1	1	0	0	2	2	3	4	3	2	2	3	2	2	2	2	0	1	0	1	3	3	2	
14	4	3	3	3	6	6	6	6	3	3	4	3	3	2	3	2	2	2	2	1	2	4	3	4	
15	4	4	5	6	6	5	7	4	4	6	0	3	2	3	2	1	2	3	0	1	2	1	3	2	
16	2	4	4	2	3	2	0	2	0	2	4	3	3	3	2	2	2	0	0	0	0	2	2	2	
17	0	0	0	1	0	0	0	0	0	0	2	4	4	3	3	-	0	2	1	1	2	3	2	1	
18	2	2	2	2	3	2	2	5	3	4	4	3	4	2	5	2	2	0	0	0	1	2	****	2	
19	1	0	0	-	-	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	
20	0	1	****	1	0	0	0	0	0	0	0	1	1	4	1	2	0	0	1	0	1	-	0	0	
21	0	0	0	0	0	0	0	1	-	0	0	0	0	0	0	1	1	2	2	1	1	0	2	1	
22	2	2	2	2	3	2	3	2	2	1	0	0	2	0	1	0	0	0	0	0	0	1	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	
24	0	0	2	0	0	0	0	0	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	1	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
26	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-	-	-	-	-	-	-	****	
29	-	****	2	0	1	3	2	2	1	0	0	0	0	0	0	0	0	0	1	2	2	4	3	4	
30	2	2	0	2	2	2	2	3	0	0	0	0	2	2	0	2	0	2	2	2	0	1	2	0	
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77028					GOVERNMENT/EDWARD ST CONISTON										MONTH - MAY 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	2	1	2	2	2	3	2	3	3	6	3	2	0	0	0	1	2	1	1	2	0	0	2	2	
2	3	2	2	3	2	3	2	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
3	0	0	0	0	0	0	0	2	0	***	0	0	0	-	-	-	-	-	***	0	0	0	0	0	0	
4	0	0	0	0	2	2	3	2	0	0	0	0	2	0	0	1	0	2	3	0	2	0	0	2	1	
5	2	2	2	2	2	2	2	5	3	2	3	3	3	2	3	2	2	3	0	0	0	0	0	0	2	
6	0	0	0	0	1	1	1	2	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	2	3	1	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	
8	1	0	0	0	0	0	0	1	0	0	0	2	0	0	2	1	3	0	0	0	0	0	0	2	1	
9	2	0	2	0	1	3	***	1	2	0	2	2	2	2	2	1	1	0	0	0	0	1	0	1	1	
10	2	4	0	1	0	2	0	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	0	2	1	
11	0	0	2	0	0	1	0	0	0	0	0	-	***	-	-	***	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	2	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	
13	2	3	2	1	0	0	2	2	2	0	0	2	3	1	0	0	3	2	3	0	3	4	3	2	2	
14	2	2	3	2	2	5	3	1	2	3	3	2	2	2	3	5	2	2	1	0	3	0	2	4	2	
15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	0	0	0	0	0	
16	3	1	2	1	3	2	2	2	2	2	0	0	0	0	0	2	1	1	1	2	2	2	0	1	1	
17	2	1	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	-	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	2	0	0	1	2	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	1	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	18	6	0	-	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	1	0	0	3	0	2	2	2	1	0	2	0	0	0	0	12	2	1	0	0	2	
27	0	1	4	2	1	3	3	***	1	2	2	2	2	2	2	2	0	0	0	0	8	0	0	0	1	
28	1	2	2	3	3	0	1	3	***	2	2	0	2	2	2	2	2	2	2	2	2	3	3	2	2	
29	2	2	3	2	2	3	3	2	3	4	4	4	4	3	3	2	2	2	1	1	3	3	4	6	3	
30	6	8	5	3	4	3	3	3	3	4	4	3	4	2	2	2	0	0	0	2	2	2	1	0	3	
31	0	0	0	1	1	3	3	2	2	2	3	3	3	4	2	***	0	0	0	0	***	0	0	0	1	
MEAN	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1.0	

PERCENTAGE OF DATA VALID - 94.5

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77028					GOVERNMENT/EDWARD ST CONISTON										MONTH - JUN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	2	2	1	3	0	8	2	1	3	3	1	0	2	***	***	0	0	0	0	0	3	0	0	0	1
3	0	2	4	4	6	4	3	2	0	3	3	4	2	2	2	***	0	2	1	0	0	0	0	0	2	
4	0	0	1	0	0	0	2	1	2	2	2	7	0	0	0	0	0	2	0	0	0	0	0	0	2	
5	2	1	2	2	3	3	2	2	1	0	2	2	1	2	2	5	2	0	0	0	3	3	0	1	2	
6	0	2	0	0	2	3	2	2	2	1	3	3	3	2	***	2	0	0	0	0	2	2	2	2	2	
7	0	2	2	0	1	2	3	0	***	***	3	3	5	4	3	2	3	2	2	0	0	1	3	2	2	
8	2	2	2	2	2	3	1	4	2	0	3	3	0	0	2	2	6	3	0	3	1	0	1	0	2	
9	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	2	0	3	0	0	
10	***	0	1	1	1	3	3	2	2	0	2	2	6	2	2	2	1	0	1	0	4	2	3	2	2	
11	2	0	0	***	3	5	5	3	3	1	0	***	0	2	-	-	-	3	0	0	0	0	0	0	1	
12	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	2	0	3	0	0	0	2	2	2	3	3	2	2	2	2	3	6	3	3	2	
14	3	3	***	2	2	2	3	5	3	1	2	3	***	0	0	2	0	0	0	0	2	3	0	0	2	
15	7	2	0	2	0	2	1	2	1	2	3	7	3	3	4	4	4	6	4	2	0	0	0	0	2	
16	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	
17	0	0	0	0	0	0	1	0	0	1	2	2	3	0	0	0	0	0	0	0	1	0	2	0	1	
18	3	0	0	0	0	1	0	2	2	0	0	2	0	2	0	1	2	0	2	3	4	0	6	0	1	
19	3	2	3	2	2	2	2	2	2	0	0	0	2	0	7	0	3	2	0	0	0	0	0	0	1	
20	0	0	0	0	0	0	0	0	2	3	1	3	0	1	0	0	0	0	0	0	1	***	0	0	1	
21	0	0	1	1	2	1	2	3	2	0	3	3	5	***	1	1	0	0	0	0	0	2	3	1	1	
22	1	1	1	1	1	1	2	3	0	0	2	5	2	1	***	0	0	0	0	0	0	0	1	-	1	
23	1	2	2	3	3	3	2	3	-	***	2	3	3	2	4	2	2	2	1	0	0	0	2	3	2	
24	4	4	3	2	4	3	***	2	2	3	3	2	3	2	4	2	0	2	0	1	2	2	2	3	2	
25	-	2	2	3	2	2	-	2	3	1	4	2	2	2	5	2	2	0	0	0	2	0	1	0	2	
26	1	0	0	0	0	0	4	0	0	0	0	10	1	0	0	0	0	0	0	5	3	1	0	2	1	
27	0	4	0	2	2	3	0	2	1	0	2	2	2	2	1	0	0	0	0	0	0	-	0	0	1	
28	0	0	0	0	2	3	7	2	3	2	1	2	2	2	2	0	2	0	0	0	4	0	0	0	1	
29	0	2	2	2	3	***	5	2	2	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	1	
30	0	0	0	0	2	7	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	5	1	1	
MEAN	1	1	1	1	2	2	2	2	1	1	2	3	2	1	2	1	1	1	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77028					GOVERNMENT/EDWARD ST CONISTON										MONTH - JUL 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0		
3	2	0	0	0	0	0	0	0	0	2	1	0	2	1	0	0	0	0	0	0	0	0	2	4	1		
4	2	2	1	0	0	1	1	0	0	0	1	0	2	1	0	0	0	0	0	0	0	1	3	2	1		
5	2	2	1	1	1	3	2	3	4	3	2	3	3	4	6	4	3	2	2	0	0	0	0	0	2		
6	0	2	2	1	0	5	7	4	3	0	1	3	2	2	3	1	1	3	1	0	0	0	0	0	2		
7	0	0	0	0	0	0	2	1	7	0	0	0	0	0	0	0	1	2	0	3	5	2	0	0	1		
8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	***	0	-	0			
9	0	0	0	2	2	3	2	3	2	0	0	0	0	2	0	0	0	0	0	2	0	3	0	0	1		
10	0	0	0	0	0	0	0	1	0	0	3	0	0	1	3	2	2	2	2	2	2	2	2	2	1		
11	3	2	2	2	2	4	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1		
12	0	0	0	0	0	0	0	0	0	-	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0		
13	0	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0		
14	0	0	0	1	0	1	3	1	2	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0		
15	0	0	0	0	0	0	1	-	1	-	-	0	0	0	2	0	0	0	0	0	0	1	0	0	0		
16	1	1	0	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	0	0	0	0	0	0	0	2	7	0	0	0	2	0	0	6	0	0	0	0	1	1	0	0	1		
18	2	0	0	0	0	0	2	5	1	0	0	2	10	1	0	1	0	0	0	0	2	2	0	0	1		
19	0	0	0	0	2	1	1	0	4	0	0	2	1	0	1	2	1	0	0	1	2	2	2	2	1		
20	2	1	2	2	2	3	2	3	1	1	2	2	1	3	0	0	0	0	0	1	0	2	6	23	2		
21	5	3	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
23	0	0	0	0	0	0	0	-	-	-	0	2	1	2	4	2	2	2	3	2	***	2	0	0	1		
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
26	0	0	0	0	0	0	0	0	0	0	6	***	3	1	0	0	0	2	0	0	0	0	2	0	1		
27	0	0	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		
28	0	2	2	0	0	0	0	0	0	2	0	-	***	0	0	0	0	0	0	0	0	2	1	0	0		
29	-	***	-	-	-	-	-	-	-	-	-	-	0	0	1	0	0	0	0	0	0	0	0	0	0		
30	1	1	0	4	2	3	3	3	0	2	0	0	0	0	0	1	0	0	0	2	1	0	0	1	0		
31	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0.7		

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- indicates DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77028					GOVERNMENT/EDWARD ST CONISTON										MONTH - AUG 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3	0	0	0	0	1	0	7	0	2	0	6	0	0	2	0	2	0	0	0	0	1	0	0	0	0		
4	1	2	0	0	0	0	3	***	2	0	0	***	4	0	1	0	3	4	2	2	3	2	5	3	2		
5	3	3	2	2	2	2	4	2	-	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
6	0	0	0	0	1	5	2	2	1	4	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
7	0	0	1	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	1		
8	3	2	2	1	1	2	4	2	0	2	2	1	2	0	0	0	0	0	0	0	2	0	0	3	1		
9	2	2	2	2	2	4	4	2	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	2	1		
10	3	2	0	2	3	3	5	8	1	2	2	2	0	0	1	0	0	6	0	1	0	1	0	0	2		
11	0	0	0	0	0	0	2	4	2	4	2	4	2	2	4	2	4	3	2	3	4	3	4	3	2		
12	4	3	3	4	3	3	4	3	3	0	0	1	2	2	3	0	1	0	0	0	2	0	1	1	2		
13	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
16	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	-	4	10	-	9	1		
17	4	4	4	3	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	3	2	2	1		
18	3	4	3	4	5	3	6	6	5	4	3	2	0	0	3	0	0	0	0	0	5	0	1	3	3		
19	3	2	1	0	1	0	2	1	2	3	3	3	4	3	3	6	3	3	2	3	3	3	9	2	3		
20	2	2	***	2	2	3	3	5	9	3	3	3	4	2	5	3	2	3	3	3	2	3	4	3	3		
21	3	0	4	4	4	5	4	4	3	3	3	4	3	3	2	4	3	3	3	5	3	4	4	5	3		
22	3	4	***	4	4	4	3	4	2	3	3	2	8	2	3	2	2	-	4	2	0	0	0	0	3		
23	0	0	0	0	0	0	***	0	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
24	0	0	0	0	0	3	3	0	0	1	0	***	0	4	0	0	0	0	0	0	0	0	0	0	0		
25	2	2	1	0	***	***	1	0	0	3	3	0	0	1	0	0	0	0	1	1	0	5	1	1	1		
26	1	1	2	***	3	2	2	2	3	2	2	2	3	3	4	2	3	3	3	3	3	4	5	3	3		
27	2	2	2	2	2	2	2	2	6	2	0	13	***	3	3	2	2	2	2	3	3	3	3	3	3		
28	3	2	3	3	2	2	2	1	1	0	0	2	0	0	5	0	0	1	0	0	1	0	0	0	1		
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
30	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	1	1	2	1	0	0	0	0		
31	3	3	2	2	2	2	1	2	2	2	2	2	0	2	0	0	1	0	2	1	2	2	0	2	2		
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1.3		

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- indicates DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	5	4	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	1	0	1	3	5	***	1	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0
3	0	0	1	0	0	0	1	0	8	1	2	6	2	2	3	3	3	6	3	3	3	2	2	0	2
4	0	0	0	0	0	0	0	3	3	0	0	0	1	2	0	1	***	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
6	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0
7	0	0	0	0	0	0	1	***	0	2	2	2	3	2	2	2	1	0	0	3	3	3	2	3	1
8	5	4	4	3	3	4	5	2	5	2	3	***	3	5	5	4	0	2	-	***	1	0	0	1	3
9	2	2	3	2	4	4	3	4	2	3	3	3	3	4	3	4	3	0	0	0	0	0	0	3	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	1	0
12	1	0	0	1	1	2	3	3	0	2	2	2	1	1	0	2	1	1	2	2	2	1	2	1	1
13	2	1	2	0	2	3	2	1	0	0	1	2	4	9	3	2	2	3	3	***	3	3	3	2	2
14	3	3	3	2	3	3	4	5	3	2	2	3	3	3	2	3	3	3	3	2	2	***	0	0	3
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
16	0	0	0	0	0	2	1	2	0	1	-	0	0	0	0	1	2	0	0	3	3	3	3	2	1
17	3	2	2	***	***	2	3	1	***	0	***	0	2	0	0	0	1	0	3	3	3	3	2	0	2
18	1	2	1	0	1	2	2	3	1	1	0	0	0	1	0	0	0	1	2	2	3	2	3	3	1
19	1	2	3	2	2	0	0	3	2	2	1	2	0	0	2	1	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0
21	2	3	2	4	5	6	***	7	2	***	0	0	0	0	0	0	0	-	-	-	0	0	0	0	2
22	0	0	0	0	0	0	0	0	***	***	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
23	0	1	0	0	0	0	2	1	0	3	0	1	0	0	3	***	0	0	0	0	0	0	0	0	0
24	0	0	0	2	2	1	5	4	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1
25	2	0	0	0	0	0	0	0	0	8	0	0	1	0	2	0	1	0	0	2	***	0	2	2	1
26	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	***	***	0	0	0	0	0	2	0
27	0	1	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
28	2	2	0	2	2	3	6	4	3	1	0	1	0	0	0	3	0	0	0	0	0	0	0	2	0
29	0	0	0	0	0	0	18	3	3	3	2	2	2	2	1	1	1	2	2	1	2	0	0	0	1
30	0	0	2	2	2	1	2	0	0	0	2	3	0	0	0	0	1	2	1	0	0	0	1	2	1
MEAN	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	3	2	0	0	2	3	2	4	3	3	2	3	4	3	3	3	4	4	4	4	5	3
2	5	4	6	5	4	4	3	5	9	16	4	4	3	3	3	2	2	2	3	3	3	1	2	3	4
3	0	2	3	4	2	0	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	1	2	2	1	***	3	3	2	2	2	1	2	4	3	2	2	1	1	3	2
5	2	2	3	2	2	2	3	-	4	7	-	4	5	4	4	2	3	2	2	3	3	3	3	3	3
6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	2	1	***	***	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
8	0	0	1	0	0	1	1	1	***	0	0	0	0	0	0	0	0	0	2	2	2	3	3	0	1
9	1	0	0	0	0	0	0	0	0	3	2	5	1	4	2	1	2	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	4	1
11	3	3	5	2	4	3	6	4	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	2
12	1	2	2	0	2	2	2	2	2	3	2	5	3	3	3	3	3	3	3	3	3	3	4	3	3
13	3	3	3	4	3	5	8	6	4	5	4	2	0	0	2	3	2	3	1	2	0	0	0	0	3
14	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2	2	2	0	0	0	6	6	1
15	0	2	1	1	0	1	2	***	5	2	***	3	3	3	3	-	3	2	1	-	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0	0	0
18	0	0	0	0	0	-	1	0	-	0	0	0	3	3	2	2	0	1	0	0	2	0	0	0	1
19	1	2	0	2	0	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
20	0	0	0	-	0	0	0	0	0	0	3	2	1	-	-	-	0	6	3	2	1	1	1	1	1
21	1	0	0	0	0	2	2	3	4	3	1	2	3	1	2	1	2	2	0	2	1	0	0	-	1
22	0	0	0	0	0	2	2	3	-	2	0	1	2	2	1	0	0	1	0	0	-	2	1	-	1
23	0	0	0	0	0	0	2	2	2	0	0	1	0	0	0	2	1	3	6	4	5	4	5	4	2
24	3	2	4	0	3	0	0	1	2	0	1	2	0	1	2	2	0	2	2	0	0	0	0	-	1
25	0	0	0	0	0	0	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0	0
27	0	2	0	0	0	1	2	2	0	0	-	0	0	1	0	4	3	2	3	0	1	0	0	0	1
28	0	0	0	0	0	0	0	2	0	0	2	2	3	3	2	2	2	2	0	2	2	2	2	2	1
29	2	2	2	2	2	2	2	3	9	3	3	6	3	5	4	6	2	4	2	4	3	3	3	3	3
30	5	3	3	3	2	3	5	4	5	5	8	5	5	3	3	3	2	1	1	0	0	0	0	0	3
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	2	1	2	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 91.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 7.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	2	4	2	2	1	2	0	0	0	0	0	1	6	7	7	7	10	9	8	3
2	7	2	2	2	0	1	2	3	2	2	2	2	3	3	2	3	2	3	3	3	3	4	3	3	3
3	2	2	0	2	2	4	2	4	4	5	2	2	3	1	0	2	2	4	7	5	8	3	3	6	3
4	2	2	1	3	5	7	2	2	2	2	3	4	2	3	-	2	1	1	2	1	2	3	-	2	2
5	0	0	2	0	0	1	2	3	3	0	1	2	3	2	2	5	2	2	2	0	0	0	2	2	2
6	0	0	0	1	0	1	2	0	2	3	4	2	3	2	2	2	2	1	0	3	3	2	2	0	2
7	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	****	1	1	0	0	2	1	1	3	5	5	6	6	4	3	2
9	2	1	2	0	0	0	0	0	0	0	3	2	3	2	3	0	0	0	2	4	6	2	2	2	2
10	3	2	2	1	0	0	0	2	2	****	0	0	0	0	1	0	1	3	4	****	8	6	10	5	2
11	5	3	0	0	0	1	2	3	4	3	1	3	2	1	2	2	2	5	5	5	2	0	0	0	2
12	0	0	0	0	0	0	0	2	2	2	2	1	1	0	0	2	2	2	2	2	3	2	2	1	1
13	3	2	0	0	2	0	1	0	3	3	0	0	0	0	1	1	1	0	0	0	0	3	0	1	1
14	1	1	0	0	0	0	0	1	1	1	1	2	0	3	0	2	2	2	3	2	3	2	3	1	1
15	2	3	2	2	3	4	4	7	8	5	2	5	2	2	2	3	1	3	3	3	5	3	2	3	3
16	2	5	4	****	5	3	3	4	4	4	6	3	2	2	2	1	2	2	0	2	0	1	2	2	3
17	2	2	2	2	2	2	2	4	4	3	-	****	4	3	3	****	3	3	3	4	3	3	3	2	3
18	2	0	2	3	1	2	2	3	4	2	2	3	2	1	2	2	2	2	3	0	1	0	0	0	2
19	1	0	1	2	0	2	2	3	3	3	4	2	0	0	1	0	2	0	2	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0	3	2	2	2	1	1
21	3	1	0	2	0	0	2	1	2	2	1	0	2	2	1	1	4	2	0	1	0	0	0	0	1
22	0	0	0	0	0	0	0	1	3	2	0	2	4	3	1	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	1	2	1	1	2	1	2	0	2	3	3	2	1	0	0	0	0	1
24	0	0	2	2	0	1	0	2	2	3	0	2	0	****	0	0	0	0	2	0	1	1	0	3	1
25	4	4	3	5	5	6	5	3	4	2	0	0	0	0	0	0	0	0	0	1	3	3	3	2	2
26	3	3	3	4	4	6	4	4	4	4	7	14	10	8	8	6	2	2	2	2	2	0	2	4	3
27	5	4	3	3	4	3	4	2	2	2	3	1	2	2	0	0	2	3	2	5	6	5	4	3	3
28	4	2	3	2	1	0	1	1	7	2	1	0	2	1	1	2	2	0	****	0	2	3	3	2	2
29	4	3	2	2	2	3	3	7	9	7	7	5	2	2	2	2	2	3	9	9	7	3	8	8	5
30	7	8	6	9	2	3	1	4	3	2	2	1	0	0	3	4	4	11	11	15	13	12	7	6	6
MEAN	2	2	1	2	1	2	2	2	3	2	2	2	2	2	1	2	2	2	3	3	3	3	3	2	2.1

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	1	0	2	2	0	-	-	-	-	-	-	****	3	1	****	0	2	0	0	1
2	0	0	0	0	0	0	2	1	3	0	1	1	2	1	5	3	7	5	4	3	0	3	5	4	2
3	3	3	2	0	2	2	5	****	8	7	7	9	11	9	6	****	****	****	****	****	****	18	15	15	7
4	15	11	12	12	13	6	6	10	11	4	2	5	8	8	3	3	0	4	3	1	0	2	0	2	6
5	4	3	2	1	0	4	2	3	4	2	0	0	0	1	0	2	4	6	5	8	14	6	5	6	3
6	4	5	5	2	0	1	0	2	7	0	0	2	2	1	2	0	2	2	2	2	2	3	2	3	2
7	3	0	1	0	0	0	0	2	3	0	0	1	0	0	2	3	2	4	2	5	4	8	8	8	2
8	8	7	5	3	3	2	2	2	4	****	0	6	1	3	5	3	2	6	2	0	0	0	3	1	3
9	0	0	0	0	5	3	3	3	****	****	****	****	1	2	****	2	3	0	0	0	2	3	0	0	1
10	0	2	3	2	0	1	0	0	1	0	2	****	0	4	2	3	3	3	0	0	0	0	0	0	1
11	0	0	0	1	2	1	2	2	2	1	1	0	2	0	0	2	0	2	2	0	0	0	0	0	1
12	0	0	0	0	0	0	0	3	0	0	0	0	0	2	1	0	0	1	0	2	0	0	0	2	0
13	0	0	0	0	0	0	2	2	5	3	0	2	2	-	-	-	-	****	5	6	2	2	2	1	2
14	3	0	0	2	0	2	2	2	0	5	0	0	0	0	0	0	0	0	0	0	2	1	0	****	1
15	0	****	0	0	0	2	0	1	0	****	3	2	2	1	2	5	3	0	0	0	1	0	9	17	2
16	17	6	13	8	13	14	13	15	14	15	12	****	3	4	4	6	2	7	15	8	3	3	4	6	9
17	2	3	2	2	2	15	15	9	3	3	7	-	0	0	0	0	1	2	0	0	0	0	0	1	3
18	2	2	0	0	1	2	2	0	3	4	5	4	6	6	0	1	-	0	0	0	0	0	2	0	2
19	0	0	0	4	9	3	7	6	2	15	14	3	8	5	13	3	-	-	8	6	4	3	3	5	6
20	3	3	0	0	0	0	0	2	1	****	1	1	0	0	0	0	0	0	0	0	1	0	2	0	1
21	0	0	****	0	0	0	0	0	2	0	0	2	0	0	0	0	1	2	2	2	1	2	3	4	1
22	3	3	5	6	0	3	0	0	0	13	1	2	0	0	0	0	2	0	2	2	2	2	2	2	2
23	2	2	2	0	0	2	3	3	4	3	0	1	0	4	0	0	2	0	0	0	2	0	2	2	1
24	2	3	3	3	3	3	5	1	2	****	2	0	3	0	0	0	2	2	4	0	2	0	0	0	2
25	2	4	2	3	4	3	2	0	3	2	3	3	2	2	1	2	2	5	3	5	6	5	5	2	3
26	4	6	1	2	1	4	2	5	4	4	0	0	2	3	3	1	3	2	1	0	2	2	0	0	2
27	4	1	0	2	2	2	2	3	4	3	3	2	0	0	6	4	****	****	****	3	1	2	0	1	2
28	1	2	1	1	0	0	2	0	0	2	1	1	0	2	3	2	2	1	1	3	2	2	1	0	1
29	0	0	0	0	0	0	0	2	0	0	2	2	2	4	3	3	4	2	4	2	3	1	2	3	2
30	2	0	2	1	0	2	2	2	****	****	2	2	2	3	15	3	2	0	5	2	0	0	0	2	2
31	1	0	0	0	0	0	2	1	6	4	2	0	2	1	1	2	2	1	2	2	0	0	0	0	1
MEAN	3	2	2	2	2	3	3	3	3	4	2	2	2	2	3	2	2	2	3	2	2	2	2	3	2.4

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	3.9	8	33
FEB	26	2.2	5	13
MAR	31	1.7	4	13
APR	29	1.0	3	13
MAY	30	1.0	3	18
JUN	30	1.3	2	11
JUL	30	0.7	2	23
AUG	31	1.3	3	13
SEP	30	1.0	3	18
OCT	29	1.4	4	16
NOV	30	2.1	6	15
DEC	31	2.4	9	18
YEAR	356	1.7	9	33

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	496	163	33	3	1	1	0	697
FEB	526	73	9	0	0	0	0	608
MAR	644	49	3	0	0	0	0	696
APR	664	21	2	0	0	0	0	687
MAY	689	12	1	1	0	0	0	703
JUN	669	25	1	0	0	0	0	695
JUL	695	14	0	0	1	0	0	710
AUG	700	28	1	0	0	0	0	729
SEP	675	18	0	1	0	0	0	694
OCT	649	34	0	1	0	0	0	684
NOV	634	69	6	0	0	0	0	709
DEC	597	75	26	3	0	0	0	701
YEAR	7638	581	82	9	2	1	0	8313

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

94.6

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

0

0.0

0.0

0.5

1.7

3.6

5.3

8.2

10.5

33

1.7

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUBBURY												MONTH - JAN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	1	1	4	4	6	4	6	5	1	*****
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
23	0	0	0	0	0	0	0	0	0	2	3	3	2	2	1	3	2	2	0	2	1	2	3	2	1
24	3	1	2	0	0	2	0	0	0	2	0	2	0	1	2	1	0	2	0	0	2	1	2	0	2
25	2	0	2	1	0	1	1	2	1	0	1	0	2	4	1	2	0	0	0	5	0	0	0	0	1
26	****	0	2	0	0	2	1	2	-	-	0	0	2	1	0	2	2	1	2	2	3	3	3	2	1
27	1	3	3	4	4	2	2	5	5	4	2	2	2	0	1	0	0	3	3	4	3	3	5	3	3
28	2	5	3	5	5	3	6	7	4	3	3	6	3	****	0	0	0	0	0	0	0	2	1	1	3
29	2	3	1	0	0	0	0	0	0	0	-	0	0	0	****	0	0	0	0	0	0	1	0	0	0
30	0	0	0	0	0	0	0	1	2	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	1	1	1	1	2	1	2	1	1	1.0

PERCENTAGE OF DATA VALID - 36.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 63.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUBBURY												MONTH - FEB 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	3	1	0	0	1	2	3	1
3	3	3	5	4	3	2	2	2	1	2	1	2	1	0	0	1	2	0	1	0	0	0	1	0	2
4	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0
5	1	2	1	0	0	2	2	1	3	4	2	0	2	2	2	2	2	3	2	3	-	-	****	0	2
6	1	0	0	0	0	-	-	-	-	-	****	0	0	0	0	0	-	-	-	-	-	-	0	0	*****
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	2	1	2	2	2	2	3	2	2	2	1	3	3	3	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	1	3	2	3	1	1
12	0	1	1	2	3	2	1	0	0	0	0	0	0	1	0	0	0	2	0	2	0	0	0	2	1
13	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	1	0	0	1
14	0	0	0	0	0	0	0	1	1	3	2	1	1	0	0	0	****	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	2	0	0	0	0	0
16	0	0	0	0	0	0	1	3	3	3	1	0	0	0	0	0	0	1	0	0	3	0	0	0	1
17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	3	3	3	4	3	1
18	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	-	-	-	2	0	2	2	1	4	0	0	1	1	1	0	2	1	0	0	0	0	1
21	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	-	-	-	-	-	5	0	0	0	0	0	0	-	-	5	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	2	3	2	0	2	0	0	0	0	0	0	0	0	0	0	1	2	1
24	2	2	2	2	2	1	2	2	3	2	4	1	2	0	1	2	2	0	2	1	1	1	0	0	2
25	0	0	0	0	0	0	1	2	2	****	****	0	2	2	2	2	-	3	5	5	4	10	9	3	2
26	-	1	1	2	1	1	1	0	2	0	0	0	0	0	2	1	0	8	5	5	5	7	5	3	2
27	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
29												- DATA UNAVAILABLE -													
MEAN	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 88.5

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 9.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
4	0	1	2	2	2	1	2	2	3	2	0	0	0	0	-	-	-	-	-	-	-	-	-	-	*****
5	0	0	0	0	0	0	0	0	1	3	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0
6	0	2	1	0	1	0	0	2	3	2	2	2	0	0	0	0	0	2	2	3	2	2	1	0	1
7	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	***	0	-	-	-	-	-	0	0	0
8	2	1	0	0	1	1	0	3	4	4	2	2	2	0	0	***	1	2	3	3	3	2	2	2	2
9	2	2	-	3	0	0	2	2	3	0	2	3	1	0	0	0	0	0	0	0	1	0	0	0	1
10	0	0	0	0	0	0	0	-	****	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	3	2	0	0	-	-	-	****	0	2	1	3	3	4	3	2	2	1
12	3	1	2	1	1	0	0	0	1	3	0	0	2	-	****	0	0	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	2	3	1
14	3	2	3	2	1	1	1	0	0	2	0	1	1	1	1	2	1	0	0	0	0	0	0	1	1
15	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0	1	2	2	2	4	4	3	1
16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	1	1	3	3	6	4	3	1
18	1	2	4	2	2	2	2	2	2	2	2	0	0	1	0	0	2	0	1	0	0	0	1	0	1
19	0	1	0	2	2	2	2	2	2	2	0	2	3	4	5	6	4	2	0	3	2	3	3	2	2
20	3	2	2	1	2	2	2	2	2	0	2	2	2	2	1	1	2	0	0	2	1	1	0	1	1
21	0	0	0	1	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	-	1	0	0	0	3	2	-	3	0	1	0	0	1	0	1	0	1	3	2	0	0	1
23	2	2	0	2	2	3	2	3	3	2	2	2	2	1	1	0	1	2	0	6	3	2	2	2	2
24	0	0	1	2	1	1	1	2	2	0	0	0	2	1	2	3	3	2	1	2	1	0	2	2	1
25	1	2	2	2	2	1	3	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	1
26	-	6	0	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
27	0	1	0	1	0	0	0	0	1	0	0	0	0	0	-	2	0	0	0	-	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	2	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****
31	****	****	****	****	****	****	****	****	****	0	****	-	-	****	1	2	2	1	3	2	3	4	2	1	*****
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 91.3

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	0	0	2	1	0	2	2	0	2	2	0	0	0	0	0	1
2	0	1	2	0	0	0	4	0	2	1	0	0	0	0	0	0	0	2	1	2	1	2	1	0	1
3	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
5	0	0	0	0	2	3	2	2	3	2	0	0	1	2	2	0	2	2	2	5	3	-	-	2	2
6	0	0	0	0	0	0	2	0	-	0	0	0	0	1	1	2	2	0	1	0	0	2	1	2	1
7	0	0	0	0	0	0	0	0	5	0	0	1	0	2	2	1	0	0	0	0	0	1	0	0	1
8	0	0	0	0	0	0	0	1	-	0	0	1	0	0	0	2	0	0	0	0	2	0	2	2	0
9	1	2	2	2	2	4	4	7	4	3	0	2	2	1	2	2	2	0	0	0	2	3	2	2	2
10	2	2	2	3	2	4	3	2	3	3	4	3	3	3	3	2	0	0	0	2	2	3	2	2	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
12	0	0	0	1	0	2	3	2	3	0	3	3	2	2	2	2	2	3	2	2	2	3	1	2	2
13	2	2	2	2	2	4	3	4	3	2	3	3	2	1	0	2	2	2	3	5	4	3	3	4	3
14	5	8	5	8	6	6	9	9	7	6	3	0	1	2	3	3	4	3	3	3	4	3	3	4	5
15	4	5	6	5	6	8	9	6	4	2	2	0	2	2	2	2	2	2	3	4	3	4	3	5	4
16	6	6	4	3	1	1	2	1	3	2	2	2	2	1	2	2	2	1	1	3	4	3	2	2	2
17	1	0	1	0	0	2	0	1	0	3	2	2	3	4	4	-	0	3	3	3	4	4	4	5	2
18	5	4	3	3	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	4	3
19	1	0	0	-	-	-	0	1	2	2	0	1	0	1	1	1	0	0	0	0	4	2	0	0	1
20	0	0	0	0	1	0	0	0	1	0	5	0	0	9	0	1	0	1	1	1	4	-	0	0	1
21	0	0	0	0	0	0	0	0	-	0	0	0	1	2	2	2	2	2	2	4	2	2	2	2	1
22	3	3	3	3	2	2	3	2	3	2	2	2	2	2	0	2	3	4	2	1	1	2	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	2	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	2	1	2	4	3	0	0	4	3	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	2	1	0	0	0	1	0	0	-	-	-	-	-	-	-	-	-	0
29	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	2	2	0	2	2	1	2	2	1	2	2	1	1	3	2	2	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1.3

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77075					KENNEDY ST NEW SUDBURY										MONTH - MAY 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	2	2	2	2	3	2	2	4	4	3	3	3	3	2	2	0	0	0	0	1	0	2	2	3	2					
2	2	3	3	0	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1					
3	0	0	0	0	0	0	0	1	0	0	3	0	0	-	-	-	-	-	****	-	0	1	0	0	0					
4	0	0	0	0	0	2	2	3	3	2	2	0	2	2	3	2	2	0	0	2	1	2	2	1	1					
5	2	2	1	2	2	3	2	3	3	4	3	4	4	4	4	5	5	2	0	0	0	0	1	0	2					
6	0	0	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	0	0	3	4	3	2	0	1					
7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	3	1	0	2	2	0					
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	2	3	3	3	1					
9	3	2	1	2	1	3	3	3	1	2	0	0	0	0	0	0	0	1	0	0	2	3	3	1	0					
10	2	0	5	2	5	5	2	2	2	2	2	2	2	3	3	3	3	2	1	0	0	2	1	0	1					
11	0	0	1	2	0	0	0	3	0	2	7	-	****	-	-	****	0	0	0	0	0	0	0	0	1					
12	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	3	0	2	2	0	0	1					
13	2	2	2	3	3	5	6	4	2	2	1	2	1	0	1	2	1	2	2	3	3	3	4	2	2					
14	4	3	3	2	2	5	5	5	4	5	3	2	2	2	3	2	1	2	1	3	5	2	1	2	3					
15	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	3	3	2	3	*****					
16	3	2	3	3	2	2	2	2	2	1	2	0	3	0	0	0	1	1	2	1	1	1	2	2	2					
17	1	0	1	0	0	0	0	***	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
19																														
20																														
21																														
22																														
23	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
25																														
26																														
27																														
28	****	****	****	****	****	****	****	****	****	****	1	2	2	2	2	0	1	2	2	3	4	5	5	4	*****					
29	3	2	1	2	2	2	3	3	5	4	3	2	1	3	2	2	1	2	3	3	3	4	4	4	3					
30	4	4	3	5	3	4	3	3	3	3	2	1	1	2	1	1	2	3	2	2	3	4	3	3	3					
31	3	3	3	2	3	3	2	5	3	3	5	3	1	2	1	3	1	1	2	0	2	0	0	0	2					
MEAN	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1.4					

PERCENTAGE OF DATA VALID - 68.5

PERCENTAGE OF DATA INVALID - 20.0

PERCENTAGE OF DATA UNAVAILABLE - 11.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77075					KENNEDY ST NEW SUDBURY										MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	0	0	0	0	0	0	2	1	2	2	0	0	0	0	0	0	0	0	0	1	0	0	2	0			
2	2	0	0	1	3	2	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	1			
3	0	2	2	1	0	2	3	3	2	2	1	0	2	2	3	3	0	2	0	1	1	2	1	1	2			
4	1	0	1	1	1	0	2	2	2	4	2	0	0	0	2	0	0	0	0	0	2	0	2	3	1			
5	3	2	2	2	3	3	3	1	0	2	2	0	0	0	0	0	1	0	0	1	0	1	2	0	1			
6	0	0	0	2	0	4	2	0	2	2	1	0	0	2	0	0	1	0	2	2	3	0	1	0	1			
7	0	0	0	0	2	1	2	0	***	***	2	0	2	2	2	2	4	2	3	2	2	2	2	1	2			
8	2	2	3	3	4	3	0	3	1	2	1	0	0	1	2	2	2	1	0	0	0	0	2	0	1			
9	0	0	0	0	0	0	1	0	0	2	2	2	0	0	0	0	6	0	0	2	0	2	0	0	1			
10	1	0	2	1	1	2	2	2	3	3	2	3	3	0	2	2	2	2	3	2	2	2	2	3	2			
11	3	2	3	3	3	2	3	4	3	0	1	0	0	0	-	-	-	0	0	0	0	0	0	0	1			
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
13	0	0	0	0	0	0	0	0	0	0	1	2	3	2	2	2	2	1	2	3	3	3	4	3	1			
14	3	4	3	2	3	3	4	8	4	2	4	3	2	1	2	1	0	0	1	2	0	2	2	2	2			
15	2	2	0	1	2	2	1	4	2	2	3	3	2	3	3	4	3	5	5	2	0	0	0	0	2			
16	0	0	1	0	1	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0			
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
18	0	0	0	0	0	1	2	1	0	0	1	0	0	1	2	2	2	2	2	3	3	4	4	0	1			
19	3	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1			
20	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0			
21	0	1	0	0	0	2	2	3	1	2	0	2	1	***	0	0	0	1	0	2	2	5	3	2	1			
22	1	1	1	1	0	2	2	3	1	0	2	0	0	***	***	2	0	0	0	0	1	2	2	-	-			
23	2	3	5	4	3	4	5	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
24	0	0	0	0	0	0	***	0	0	0	2	2	2	3	3	2	2	2	2	2	2	2	3	2	1			
25	2	2	2	2	2	2	-	3	3	3	3	3	3	2	2	2	2	1	0	0	0	0	0	0	2			
26	0	0	0	0	2	2	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
27	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0			
28	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0			
29	1	0	0	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0			
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0	0			
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0			

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0
5	1	1	1	1	1	1	2	2	2	3	1	1	1	0	1	0	0	0	1	0	2	0	1	0	1
6	0	0	0	0	0	1	3	9	7	3	2	1	0	1	0	0	1	1	0	0	0	2	0	1	1
7	1	1	2	2	2	1	2	3	3	2	2	2	2	2	2	2	2	0	2	1	1	1	0	2	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
9	0	0	0	1	0	2	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
10	0	0	0	0	0	0	0	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1
11	2	3	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1	0	0	0	0	0	0	0	0	0
14	2	2	2	2	1	0	2	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
15	0	0	2	0	1	2	2	-	4	-	-	2	0	1	0	1	0	0	0	1	1	0	0	0	1
16	1	1	0	0	0	2	1	5	4	2	0	3	4	4	3	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0
19	0	0	0	1	2	3	3	3	1	2	3	2	2	0	2	2	2	2	0	0	2	1	2	2	2
20	1	2	2	2	2	2	2	2	1	2	2	2	3	2	2	0	0	0	0	0	0	0	1	2	1
21	2	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
22	0	0	2	1	2	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1
23	0	0	0	0	2	2	2	-	-	-	7	2	2	3	3	2	3	3	3	3	3	3	2	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
26	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	0	0	0	0	2	0	0	2	1	1
27	0	0	-	-	-	-	-	-	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	0	0	-	0	0	0	0	1	0	0	0	0	0	2	1	0
29	0	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1
30	2	2	2	2	1	5	5	6	2	***	2	1	0	0	0	0	0	0	1	0	2	2	2	2	2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
MEAN	0	1	1	0	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	1	0	0	0	1	1	2	3	2	2	2	2	1	0	1	2	0	1	1	2	1	1	2	1
4	2	2	2	2	1	2	2	3	2	2	2	***	3	1	2	2	2	2	3	2	3	3	3	3	2
5	2	2	2	2	2	2	3	2	-	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
7	0	1	0	0	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4	2	3	2	1
8	2	2	2	2	2	2	2	2	0	1	2	1	2	0	0	0	0	0	3	0	2	0	2	2	1
9	2	3	2	2	1	2	2	2	3	3	2	0	0	0	0	0	0	0	0	0	2	2	2	0	1
10	0	0	2	2	0	1	2	3	4	0	1	1	0	1	1	0	1	0	1	1	2	2	1	0	1
11	0	0	1	0	1	2	2	3	3	2	2	3	2	3	2	3	3	3	3	3	6	3	4	3	2
12	3	4	4	4	3	4	4	4	4	5	3	2	2	2	3	0	0	0	0	0	1	1	0	2	2
13	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	-	2	1	-	3	1
17	1	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
18	0	2	2	2	2	2	3	6	7	5	4	2	1	4	3	4	3	0	0	0	0	0	2	2	2
19	2	1	2	2	1	1	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
20	2	3	2	4	4	4	4	4	5	4	4	4	3	3	3	3	3	3	3	4	4	4	4	5	4
21	5	4	4	3	4	5	5	6	5	4	4	4	4	4	3	4	4	3	3	3	3	3	4	4	4
22	4	4	5	5	4	4	4	4	4	3	3	3	2	3	3	2	2	-	0	1	0	0	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
24	2	2	4	1	0	2	2	3	2	0	1	2	2	2	1	2	2	0	0	0	0	2	2	0	1
25	1	1	0	2	***	***	2	6	5	4	1	2	2	2	0	2	5	0	2	2	1	1	2	2	2
26	2	2	3	3	3	3	4	4	3	3	3	2	3	3	4	4	3	3	3	3	3	4	4	3	3
27	3	3	2	2	2	2	3	3	2	3	***	3	2	4	3	3	2	2	2	3	3	3	3	3	3
28	3	3	3	3	3	2	2	2	1	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	5	3	0	0	1	0	0	2	2	1
31	3	1	2	2	0	0	2	3	3	1	2	2	3	2	3	4	2	2	2	2	3	2	0	0	2
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT																							
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY													MONTH - SEP 76																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	0	0	0	0	0	1	0	4	0	****	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0											
2	1	0	1	1	2	3	3	3	4	2	0	0	1	0	0	0	3	0	0	0	0	0	1	0	1											
3	0	0	0	2	1	1	2	2	3	2	1	2	2	3	3	3	3	3	3	3	2	3	2	2	2											
4	2	0	1	2	2	3	2	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1											
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
6	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	3	3	2	2	0	0	1											
7	1	0	0	0	0	2	3	****	2	2	3	3	3	4	2	3	2	2	2	4	3	3	4	4	2											
8	3	4	6	4	4	4	5	****	****	5	5	4	3	2	3	3	2	-	-	****	3	3	4	4	4											
9	4	4	4	4	4	5	7	8	6	4	3	3	3	3	3	4	2	0	0	0	0	0	0	0	3											
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	2	2	1	0	1											
12	2	2	2	1	0	1	3	3	2	2	3	3	3	2	2	2	1	1	2	2	2	2	2	2	2											
13	2	2	2	3	3	4	4	4	4	3	3	3	3	3	3	3	2	3	3	3	3	3	4	5	3											
14	3	4	4	4	3	3	5	6	4	4	4	3	3	3	3	3	3	4	4	3	3	0	0	0	3											
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
16	0	0	0	0	0	0	0	2	0	0	-	0	0	0	1	0	0	0	3	2	2	1	2	2	1											
17	1	3	1	****	****	3	6	****	1	0	0	0	0	0	0	0	0	0	1	2	3	4	4	3	2											
18	4	3	3	2	2	2	2	2	1	2	1	1	0	0	0	0	0	0	2	3	2	2	2	3	2											
19	3	5	3	1	2	2	3	3	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1											
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	0	0	0	1											
21	2	2	****	****	****	****	****	****	****	0	3	0	2	0	0	0	0	-	-	-	0	2	0	0	****											
22	0	0	0	0	0	0	2	****	0	0	0	0	0	0	0	0	1	0	0	0	2	3	3	2	1											
23	0	0	0	3	0	0	2	5	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1											
24	0	0	0	0	2	3	6	6	2	0	0	0	2	1	2	1	0	0	1	1	2	2	1	2	1											
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	3	3	3	1											
26	2	2	2	2	3	4	2	2	2	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	1											
27	0	0	0	0	0	-	-	2	****	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0											
28	0	0	0	2	2	2	6	8	2	3	1	2	2	2	3	2	1	1	2	1	1	2	2	2	2											
29	3	2	3	2	2	2	3	3	4	2	2	2	2	1	3	2	2	1	0	2	4	1	0	0	2											
30	0	0	1	3	2	3	4	9	2	0	0	0	0	0	0	0	1	1	2	2	2	1	3	3	2											
MEAN	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1.3											
PERCENTAGE OF DATA VALID - 96.3													PERCENTAGE OF DATA INVALID - 2.6												PERCENTAGE OF DATA UNAVAILABLE - 1.1											

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 1.1

- NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT																							
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY													MONTH - OCT 76																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	3	3	2	3	3	4	5	4	3	****	3	4	3	3	4	3	3	4	5	5	5	7	6	5	4											
2	5	5	5	5	****	****	****	4	4	5	5	5	4	3	3	3	3	1	2	2	1	0	2	1	3											
3	2	2	2	2	2	2	3	4	1	0	0	0	0	0	0	0	0	0	1	3	3	2	1	2	1											
4	2	2	0	2	0	5	4	8	****	2	2	2	2	1	2	2	2	3	5	4	5	3	-	4	3											
5	3	3	3	3	3	3	5	-	5	4	-	3	3	3	3	3	3	4	3	4	4	3	4	2	3											
6	0	0	0	0	0	0	1	3	0	1	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0											
7	0	0	0	0	0	0	0	2	****	****	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0											
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3	3	4	0	4	1											
9	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0											
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	5	4	3	1											
11	2	0	0	0	0	0	2	2	6	0	0	0	0	0	0	0	0	0	3	2	2	2	2	1	1											
12	2	2	2	1	2	2	2	3	4	3	4	3	3	3	3	3	4	3	4	3	3	4	5	4	3											
13	4	4	5	7	8	5	5	7	6	5	4	3	0	1	2	2	0	2	2	2	0	0	0	0	3											
14	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	1	0	2	2	2	2	0	0	0	1											
15	0	0	0	0	0	0	2	2	2	3	3	3	3	2	3	-	2	2	0	-	0	0	0	0	1											
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0											
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	****											
18	0	0	0	0	0	-	0	-	0	0	0	0	0	0	0	1	1	0	0	0	2	4	2	0	0											
19	0	4	0	2	0	0	-	2	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	****											
20	1	1	0	-	2	1	2	0	0	2	0	0	0	-	-	-	1	0	1	0	0	1	0	0	1											
21	0	0	0	0	0	1	2	5	2	1	1	2	2	3	2	3	2	2	1	1	0	0	0	-	1											
22	0	0	0	0	0	0	2	3	1	-	0	1	1	2	2	2	0	2	1	1	-	2	3	-	1											
23	0	0	0	0	0	1	3	3	2	1	0	0	0	0	0	0	0	1	0	3	7	7	4	2	1											
24	4	2	2	1	1	0	0	1	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	-	1											
25	0	0	0	0	0	0	8	6	2	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1											
26	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	-	0	0	1	0	0	0											
27	0	0	0	0	0	0	0	0	0	0	-	0	0	0	2	2	0	4	4	5	5	3	2	4	1											
28	3	2	0	2	3	2	3	3	3	2	2	2	2	3	3	3	3	3	2	3	3	2	3	3	3											
29	3	3	4	4	3	2	3	4	3	3	3	3	3	3	3	3	2	3	3	4	4	4	4	2	3											
30	3	4	5	3	4	4	5	3	3	4	5	3	2	3	2	2	2	1	0	0	0	0	0	0	2											
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0											
MEAN	1	1	1	1	1	1	2	3	2	2	1	1	1	1	2	1	1	1	2	2	2	2	2	1	1.4											
PERCENTAGE OF DATA VALID - 91.7													PERCENTAGE OF DATA INVALID - 0.9												PERCENTAGE OF DATA UNAVAILABLE - 7.4											

PERCENTAGE OF DATA VALID - 91.7

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 7.4

- NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY														MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	2	1	2	4	4	1	0	0	****	0	0	0	0	0	2	3	6	4	5	3	4	2
2	3	3	3	3	2	2	2	3	2	3	3	2	2	3	2	3	5	6	6	3	4	7	6	4	3
3	3	1	2	2	3	2	5	8	5	3	4	2	2	2	2	2	3	4	3	2	2	2	1	2	3
4	2	2	1	1	2	3	2	2	3	2	2	1	****	1	-	2	2	1	0	0	0	0	-	1	1
5	0	1	2	0	0	0	2	1	2	1	2	2	3	3	2	4	3	3	2	2	1	2	0	1	2
6	1	1	2	2	2	2	2	2	3	3	3	3	2	0	0	3	1	0	1	4	4	2	2	0	2
7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	2	***	0	0	1	0	1	2	2	3	4	8	6	7	9	4	2
9	4	5	3	0	0	0	2	2	2	2	1	2	1	2	2	3	3	4	3	3	3	3	2	3	2
10	3	2	1	0	0	0	0	2	1	0	0	0	1	0	0	1	1	1	2	3	6	5	6	3	2
11	2	2	2	0	0	1	3	4	6	2	2	2	1	2	1	3	2	5	3	1	0	0	0	0	2
12	0	0	0	0	0	0	0	2	2	2	0	1	0	0	0	2	2	2	2	3	2	4	5	3	1
13	2	2	2	1	2	3	3	3	2	2	2	0	1	0	2	2	2	2	2	3	3	1	1	2	2
14	0	2	2	1	0	2	0	1	2	0	0	1	2	0	2	2	3	1	4	4	5	4	2	3	2
15	2	2	2	2	2	4	4	6	7	8	4	4	4	3	3	3	2	8	9	4	4	3	3	2	4
16	3	3	3	3	3	4	5	8	9	7	6	2	2	3	3	6	6	5	3	5	3	3	3	4	4
17	4	4	3	2	3	2	3	7	7	5	-	****	4	4	4	4	5	5	4	5	4	4	3	5	4
18	3	3	3	2	2	2	3	3	3	2	2	2	1	2	3	3	4	3	4	2	2	2	1	1	2
19	2	1	1	2	2	3	4	3	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	0	0
21	0	0	0	2	1	0	0	0	0	1	2	0	0	0	0	2	2	3	3	2	2	2	0	0	1
22	0	0	0	0	0	0	0	2	4	0	0	0	1	2	1	2	2	0	2	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	2	0	0	2	0	2	2	2	1	3	2	3	2	2	5	2	1
24	2	1	0	2	0	0	1	2	3	3	4	****	****	0	0	0	0	0	0	2	2	0	0	1	1
25	0	0	0	0	0	0	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	7	4	5	9	9	3	3	2	0	0	0	0	0	0	1	2
27	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	0	0	2	0	5	6	5	6	4	1
28	3	2	1	2	2	3	0	0	3	2	0	1	2	0	2	2	2	2	2	3	2	2	6	4	2
29	3	2	3	2	3	3	5	9	****	****	4	3	1	2	2	4	6	6	6	4	****	****	****	5	4
30	4	3	5	6	5	3	3	2	4	8	4	2	0	0	1	3	5	11	15	8	6	9	9	9	5
MEAN	2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2	2	3	3	3	3	3	3	2	2.0

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - DEC 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	0	0	0	1	2	3	3	-	-	-	-	-	-	****	2	3	3	0	0	2	0	1
2	0	0	0	0	0	0	0	2	3	1	1	2	2	1	2	****	****	****	****	2	2	3	5	5	2
3	0	2	4	3	2	2	3	3	10	****	11	4	5	4	4	5	8	****	****	****	6	4	3	2	4
4	1	0	0	0	0	0	0	0	1	1	3	2	1	2	3	2	5	5	2	2	3	3	0	2	2
5	2	3	3	1	2	2	2	2	5	3	2	2	0	1	0	2	3	5	4	7	6	3	4	3	3
6	4	3	2	0	0	1	2	2	2	1	1	3	2	2	2	2	3	4	4	5	5	4	5	5	3
7	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	6	6	7	4	5	3	2
8	3	4	5	6	5	3	2	3	4	1	3	4	5	8	4	4	7	4	1	2	2	0	0	0	3
9	0	0	0	0	0	1	4	6	9	11	8	8	4	4	2	2	5	4	2	3	2	2	3	3	3
10	2	1	1	1	2	2	2	2	4	****	5	5	6	6	4	5	4	3	3	0	1	1	0	1	3
11	0	0	0	0	1	2	3	3	3	3	2	3	2	2	2	1	2	2	2	2	1	1	2	3	2
12	2	3	2	2	2	2	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
13	0	1	0	1	0	0	1	4	6	3	1	2	3	-	-	0	-	****	5	7	6	2	3	1	2
14	0	2	1	1	1	2	2	3	3	2	2	3	2	2	3	3	3	3	2	2	2	2	2	1	2
15	2	0	0	0	0	0	0	0	****	0	2	1	2	0	2	1	2	4	2	2	2	1	3	2	1
16	2	2	1	3	0	1	1	2	4	3	4	3	2	2	3	4	2	2	4	5	5	5	5	3	3
17	3	2	3	3	3	3	3	3	5	2	3	-	1	1	0	1	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	2	3	2	0	1	0	2	2	1	-	1	0	2	0	0	0	0	1
19	0	1	1	0	0	0	2	2	1	2	2	2	3	2	4	3	-	-	3	2	2	0	0	0	1
20	0	0	0	0	0	0	0	0	****	1	1	0	2	0	0	2	2	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	2	1	0	2	0	1	3	1
22	4	2	2	5	4	2	2	1	3	1	1	1	2	2	2	2	3	3	3	6	6	6	3	4	3
23	5	5	3	3	3	3	5	3	3	5	3	3	3	3	3	0	0	0	0	0	0	1	2	3	2
24	2	1	2	2	2	2	4	3	****	2	0	3	2	2	3	4	3	2	3	2	2	3	3	4	2
25	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	0	0	0	3	3	****	7	3	0	3
26	0	0	0	0	0	0	0	0	2	2	2	0	0	0	1	0	0	0	0	1	0	0	0	0	0
27	2	2	3	1	2	1	5	4	4	5	3	2	3	5	5	5	****	****	****	6	4	5	3	1	3
28	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	2	3	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	1	0	1	2	3	2	2	1
30	0	1	2	0	2	0	1	0	****	****	0	1	1	1	0	0	5	4	3	0	0	1	0	0	1
31	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	2	2	0	0	0	1	0	1
MEAN	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77075 KENNEDY ST NEW SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	1.0	3	7
FEB	26	0.7	2	10
MAR	28	0.8	2	6
APR	29	1.3	5	9
MAY	20	1.4	3	8
JUN	30	1.0	2	8
JUL	31	0.7	2	9
AUG	31	1.4	4	7
SEP	29	1.3	4	9
OCT	29	1.4	4	8
NOV	30	2.0	5	15
DEC	31	1.9	4	11
YEAR	325	1.2	5	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77075 KENNEDY ST NEW SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	257	13	0	0	0	0	0	270
FEB	603	13	0	0	0	0	0	616
MAR	674	5	0	0	0	0	0	679
APR	660	29	0	0	0	0	0	689
MAY	490	20	0	0	0	0	0	510
JUN	700	7	0	0	0	0	0	707
JUL	719	7	0	0	0	0	0	726
AUG	718	18	0	0	0	0	0	736
SEP	674	19	0	0	0	0	0	693
OCT	641	41	0	0	0	0	0	682
NOV	635	69	2	0	0	0	0	706
DEC	645	63	2	0	0	0	0	710
YEAR	7416	304	4	0	0	0	0	7724

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.9	0	0.0	0.0	0.0	1.5	2.9	3.8	4.9	5.9	15	1.2

(6) 248  
8184 x

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